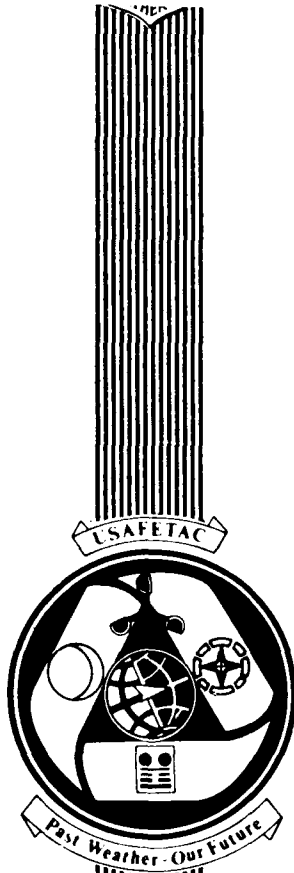


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91-16973



SURFACE OBSERVATION CLIMATIC SUMMARIES

FOR

DUKE FIELD/EGLIN AUX #3, FL

Prepared by

OL-A, USAFETAC
ASHEVILLE, NORTH CAROLINA
28801-2723

SEPTEMBER 1991

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**USAF
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER**

Scott Air Force Base, Illinois, 62225-5438

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II



REPORT DOCUMENTATION PAGE

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11. SUPPLEMENTARY NOTES: EFFECTIVE JULY 1 1988, THIS PRODUCT REPLACED TWO USAFETAC DOCUMENTS FORMERLY KNOWN AS THE REVISED UNIFORM SUMMARY OF SURFACE OBSERVATIONS (RUSSWO) AND THE LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCs). EXISTING RUSSWOS AND LISOCs WILL CONTINUE IN USE, BUT WILL EVENTUALLY BE BY A SOCS.
- 12A. DISTRIBUTION/AVAILABILITY STATEMENT: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED.
13. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED USAF, CIVILIAN AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM A 10-YEAR PERIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) INFORMATION IS SUMMARIZED FROM ALL AVAILABLE DATA IN THE OL-A, USAFETAC CLIMATIC DATABASE.
14. SUBJECT TERMS: CLIMATOLOGY, METEOROLOGICAL DATA, ATMOSPHERIC PHENOMENA, WEATHER, SOCS, DUKE FLD/EGLIN AUX, FLORIDA, CEILING, CLOUD COVER, SNOW DEPTH, HUMIDITY, PRESSURE, PRECIPITATION, SNOW TEMPERATURE, VISIBILITY, WIND.
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PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCS (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISOCS NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SFCSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCS." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARIES" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.

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*** NOTE: THE AWS CLIMATIC BRIEF IS ATTACHED AT THE END OF THE SOCS ***

INTRODUCTION

STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: APR 81 - MAR 91 (AIRWAYS), 0600 - 2300 LST REPORTS ONLY.

SUMMARY OF DAY DATA: SEP 49 - OCT 49, AUG 52 - OCT 55, FEB 56 - JAN 67,
MAR 67 - DEC 84, SEP 89 - MAR 91 (PART TIME).

HOURS SUMMARIZED: 0600 LST THROUGH 2300 LST.

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENA OR OCCURRENCE BEING SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.

HOURLY OBSERVATIONS: ALL RECORD OR RECORD-SPECIAL OBSERVATIONS ON AWS FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY. NOTE: EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS AND/OR DAYS ARE NOT REFLECTED IN THESE SUMMARIES.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

STANDARD DEVIATION: A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES IN THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS. IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

NOTE 1. DURING PART TIME PERIODS, THE FIRST AND LAST 3-HOUR PERIODS MAY HAVE SIGNIFICANT SHORTFALLS IN OBSERVATION COUNTS.

ABBREVIATIONS USED:

AMT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BARO	BAROMETER	MB	MILLIBAR
C	CENTIGRADE (CELSIUS)	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ	EQUAL	OBS	OBSERVATION
F	FAHRENHEIT	OBST	OBSTRUCTION
FRZG	FREEZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	SD	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	SOD	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG	INCHES OF MERCURY	TSTM	THUNDERSTORM
HT	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	VSN	VISION
LE	LESS THAN OR EQUAL TO	WB	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	WBAN	AWS FORM 10/10A
		UTC	*COORDINATED UNIVERSAL TIME

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

* UTC REPLACED GMT ON 1 AUGUST 1988

NOTE: OL-A/USAFETAC DERIVES STATION LATITUDE/LONGITUDE COORDINATES AND AIRFIELD ELEVATION DATA FROM THE AWS MASTER STATION CATALOG. THIS INFORMATION IS PRESENTED ON THE AWS CLIMATIC BRIEF FOR EACH STATION. THE STATION DATA MAY DIFFER FROM INFORMATION CONTAINED IN THE SOCS STATION HISTORY (DATA SUPPLIED BY AWS UNITS). THE STATION DATA MAY ALSO VARY FROM DATA PRESENTED IN DOD FLIGHT INFORMATION PUBLICATIONS (FLIP).

STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FLD ELEV (FT)	CALL SIGN	WMO NMBR
722246	DUKE FIELD/EGLIN AUX #3, FL	N 30 39	W 086 31	193	EGI	

STATION LOCATION AND INSTRUMENTATION HISTORY									
Nmbr of Loc	GEOGRAPHICAL LOCATION & NAME	Type of Station	At This Location		LATITUDE	LONGITUDE	Elev Above MSL		OBS PER DAY
			From	To			FLD (FT)	BARO (FT)	
1	Duke Field/Eglin Aux#3, FL	AFB	Sep 49	Oct 49	N 30 39	W 086 31	Unkn	192	24
2	Deactivated	---	Nov 49	Jul 52	Same	Same	---	---	---
3	Same	AFB	Aug 52	Dec 54	Same	W 086 32	Unkn	192	24
4	Same	AFB	Jan 55	Oct 55	Same	Same	193	Unkn	8
5	Deactivated	---	Nov 55	Jan 56	Same	Same	---	---	---
6	Same	AFB	Feb 56	Apr 60	Same	Same	193	193	8-9
7	Same	AFB	Apr 60	Jun 64	Same	Same	192	Same	8
8	Same	AFB	Jul 64	Sep 64	Same	Same	Same	Same	24
9	Same	AFB	Oct 64	Nov 67	Same	Same	202	Same	11
10	Same	AFB	Apr 72	Feb 77	Same	W 086 31	203	Unkn	15
11	Same	AFB	Mar 77	Jan 88	Same	Same	193	Unkn	15

Nmbr of Loc	Date of Change	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIP- MENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Sep 49	Unknown	Unkn	Unkn	Unkn	
2	May 55	Atop wea station	AN/GMQ-1	ML-204B	22 ft	
3	Apr 61	500'E of N-S rnwy and 500' SW of NW-SE taxiway	AN/GMQ-11	Same	13 ft	
4	May 69	Same	Same	RO-362	Same	
5	Oct 70	Same	AN/GMQ-20	Same	Same	
6	Jan 88	Same	Same	Same	13 ft	

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	AAAAAA
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTTT	AAAAAAAA
PP PP	AA AA	RR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PPPPPPPP	AA AA	RRRRRRRR	TT	AA AA
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	AAAAAAAAAA
PP	AAAAAAAAAA	RR RR	TT	AAAAAAAAAA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

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PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1968, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, ICE FOG, AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND AS REPORTED.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).

THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE USAFETAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.

NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.

NOTE 3: A VALUE OF ".0" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

NOTE 4: DURING PART TIME PERIODS, THESE TABLES MAY NOT ACCURATELY REFLECT NIGHTTIME AND/OR WEEKEND OCCURRENCES OF CERTAIN PHENOMENA.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		22.2				22.2	22.2				44.4	9
03-05							25.0				25.0	4
06-08		3.6				3.6	32.7	7.3			43.6	55
09-11		9.1				9.1	20.6	5.4			35.1	689
12-14	.5	10.1				10.1	12.7	3.4			26.1	746
15-17	.4	11.0				11.0	14.4	4.6			30.0	724
18-20	.2	12.1				12.1	18.8	3.9			34.9	637
21-23		8.3				8.3	17.2	3.8			29.2	373
ALL HOURS	.2	10.2				10.2	16.9	4.3			31.3	3237

MONTH: FEB

00-02		20.0				20.0	40.0				60.0	5
03-05							83.3				83.3	6
06-08	1.7	6.8				6.8	32.2	1.7			40.7	59
09-11	1.6	10.0		.1		10.2	22.6	6.7			39.5	668
12-14	1.1	9.0				9.0	10.9	5.1			25.0	700
15-17	1.0	10.5		.3		10.8	11.7	4.9			27.4	667
18-20	1.0	9.7		.3		10.1	18.6	5.5			34.2	585
21-23	.3	8.6		.3		8.9	21.3	3.2			33.3	315
ALL HOURS	1.1	9.6		.2		9.8	16.9	5.2			31.9	3005

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02							9.1				9.1	11
03-05	11.1	22.2				22.2	22.2				44.4	9
06-08	2.6	13.2				13.2	46.1	7.9			67.1	76
09-11	.9	6.5				6.5	13.7	8.4		.1	28.7	742
12-14	2.2	8.5				8.5	8.6	3.8		.4	21.3	780
15-17	2.2	6.1				6.1	7.8	4.3		.4	18.5	773
18-20	1.6	7.1				7.1	13.8	4.3			25.2	679
21-23	.5	6.6				6.6	17.2	2.8			26.6	395
ALL HOURS	1.6	7.1				7.1	12.4	4.9		.2	24.6	3465

MONTH: APR

00-02							30.6	5.6			36.1	36
03-05							50.0	16.7			66.7	12
06-08	2.2	4.3				4.3	26.6	10.3			41.3	184
09-11	1.9	3.3				3.3	5.9	4.8			14.1	723
12-14	2.3	4.4				4.4	1.9	3.5			9.8	773
15-17	2.1	3.8				3.8	2.2	4.9			10.9	772
18-20	2.6	4.3				4.3	7.0	5.8			17.1	654
21-23	3.1	5.7				5.7	17.4	4.6			27.7	350
ALL HOURS	2.3	4.1				4.1	7.1	5.1			16.2	3504

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02							41.2	23.5			64.7	17
03-05	4.8	4.8				4.8	81.0	14.3			100.0	21
06-08	.3	1.7				1.7	21.5	17.0			40.3	288
09-11	2.9	6.5				6.5	6.2	11.2			23.8	726
12-14	3.5	5.4				5.4	3.8	7.1			16.3	771
15-17	4.6	4.0				4.0	2.6	8.9			15.6	720
18-20	2.2	3.3				3.3	6.2	11.4			20.9	642
21-23	1.1	2.2				2.2	17.1	10.2			29.5	275
ALL HOURS	2.9	4.4				4.4	7.7	10.3			22.4	3460

MONTH: JUN

00-02							75.0	25.0			100.0	4
03-05							37.5				37.5	8
06-08	2.6	4.9				4.9	11.5	21.1			37.5	304
09-11	6.9	9.6				9.6	2.2	11.7			23.4	743
12-14	13.2	11.2				11.2	2.5	9.6		.3	23.6	767
15-17	13.0	10.0			.1	10.1	3.1	10.5			23.7	721
18-20	5.6	6.1				6.1	5.4	10.1			21.6	643
21-23	2.0	2.7				2.7	11.0	8.2			22.0	255
ALL HOURS	8.6	8.4			.0	8.4	4.7	11.3		.1	24.4	3445

A - 2 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												14
03-05							18.5	3.7			22.2	27
06-08	2.0	4.6				4.6	14.2	23.5			42.4	302
09-11	5.8	7.2				7.2	2.0	19.5			28.6	709
12-14	15.9	12.7				12.7	2.5	18.1			33.3	724
15-17	19.3	11.8				11.8	2.0	17.6			31.4	695
18-20	7.1	5.8				5.8	7.8	15.2			28.8	619
21-23	1.7	2.6				2.6	12.8	12.8			28.1	235
ALL HOURS	10.3	8.5				8.5	5.2	17.7			31.3	3325

MONTH: AUG

00-02							30.0				30.0	10
03-05	14.3						71.4				71.4	7
06-08	1.2	5.0				5.0	27.6	30.7			63.2	323
09-11	3.7	6.3				6.3	5.0	30.1			41.4	760
12-14	14.8	12.2				12.2	4.1	27.2		.1	43.6	798
15-17	16.6	11.9				11.9	6.0	28.0			45.9	754
18-20	5.4	6.1				6.1	10.3	24.5			40.9	653
21-23	.9	1.8				1.8	18.6	18.1			38.5	226
ALL HOURS	8.9	8.4				8.4	9.1	27.1		.0	44.6	3531

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02							50.0				50.0	6
03-05							62.5				62.5	16
06-08	.4	5.0				5.0	26.2	25.4			56.6	279
09-11	2.3	5.3				5.3	6.3	17.7			29.4	695
12-14	7.0	8.4				8.4	3.8	11.9			24.2	703
15-17	7.3	9.0				9.0	4.3	10.5			23.8	669
18-20	3.2	5.4				5.4	6.1	10.8			22.3	538
21-23		2.5				2.5	12.4	11.9			26.7	202
ALL HOURS	4.2	6.6				6.6	7.9	13.8			28.2	3108

MONTH: OCT

00-02	1.6	11.3				11.3	14.5	4.8			30.6	62
03-05		6.2				6.2	24.6				30.8	65
06-08		3.9				3.9	35.1	9.5			48.4	285
09-11	.5	4.8				4.8	8.1	8.5			21.4	766
12-14	1.2	6.1				6.1	4.1	2.6			12.8	802
15-17	2.2	6.7				6.7	5.0	2.6			14.3	775
18-20	1.3	4.5				4.5	7.1	3.3			14.9	691
21-23	.6	2.2				2.2	14.2	2.2			18.5	325
ALL HOURS	1.1	5.3				5.3	9.4	4.4			19.0	3771

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02							9.8	2.4			12.2	41
03-05							36.4				36.4	22
06-08	1.3	1.3				1.3	39.2	1.3		1.3	43.0	79
09-11	.3	5.5				5.5	14.7	4.9			25.1	658
12-14	1.0	6.7				6.7	6.0	3.9			16.6	700
15-17	.4	7.2				7.2	8.5	3.2			19.0	691
18-20	.5	6.3				6.3	19.2	1.4			26.9	635
21-23	.8	3.7				3.7	21.1	1.1			25.8	380
ALL HOURS	.6	5.9				5.9	13.8	3.0		.0	22.7	3206

MONTH: DEC

00-02		6.7				6.7	26.7				33.3	15
03-05							66.7				66.7	9
06-08		11.0		1.4		12.3	41.1	1.4	1.4		56.2	73
09-11	.3	7.2				7.2	22.8	2.4			32.4	694
12-14	.6	8.7				8.7	13.7	3.2			25.7	709
15-17	.6	8.5				8.5	12.9	3.4			24.8	674
18-20	.5	7.6				7.6	20.6	.7			28.9	578
21-23	.3	5.1				5.1	18.8	.6			24.6	313
ALL HOURS	.5	7.8		.0		7.8	18.3	2.3	.0		28.4	3065

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	.2	10.2				10.2	16.9	4.3			31.3	3237
FEB	1.1	9.6		.2		9.8	16.9	5.2			31.9	3005
MAR	1.6	7.1				7.1	12.4	4.9		.2	24.6	3465
APR	2.3	4.1				4.1	7.1	5.1			16.2	3504
MAY	2.9	4.4				4.4	7.7	10.3			22.4	3460
JUN	8.6	8.4			.0	8.4	4.7	11.3		.1	24.4	3445
JUL	10.3	8.5				8.5	5.2	17.7			31.3	3325
AUG	8.9	8.4				8.4	9.1	27.1		.0	44.6	3531
SEP	4.2	6.6				6.6	7.9	13.8			28.2	3108
OCT	1.1	5.3				5.3	9.4	4.4			19.0	3771
NOV	.6	5.9				5.9	13.8	3.0		.0	22.7	3206
DEC	.5	7.8		.0		7.8	18.3	2.3	.0		28.4	3065
ANNUAL	3.6	7.1		.0	.0	7.1	10.6	9.2	.0	.0	27.0	40122

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUXFL
LST TO UTC: +06

PERIOD OF RECORD: 4909-4910,5208-5510,5602-9103
MONTH: ALL HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	3.7	31.2		1.0		31.7	45.6	24.9			59.3	410
FEB	4.7	23.5		.5	.3	23.8	35.8	29.2			53.0	383
MAR	7.9	23.6				23.6	39.7	27.1			51.0	484
APR	9.1	20.9				20.9	32.6	25.9			47.0	417
MAY	16.9	25.1				25.1	28.5	38.4			58.7	414
JUN	40.9	42.6			.2	42.6	19.6	33.1			63.8	423
JUL	50.6	53.7				53.7	22.6	36.0			73.6	447
AUG	53.6	55.0				55.0	28.5	48.7			80.5	431
SEP	22.3	32.8			.5	32.8	36.7	44.9			69.2	439
OCT	6.1	17.8				17.8	40.6	36.8			57.5	478
NOV	5.2	24.4				24.4	32.7	26.1			47.6	422
DEC	3.4	27.4		.3		27.6	40.0	20.8	.3		51.3	380
ANNUAL	18.9	31.5		.1	.1	31.6	33.6	32.9	.0		59.5	5128

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02										1.6		
03-05			11.1		4.8			14.3				
06-08		1.7	2.6	2.2	.3	2.6	2.0	1.2	.4		1.3	
09-11		1.6	.9	1.9	2.9	6.9	5.8	3.7	2.3	.5	.3	.3
12-14	.5	1.1	2.2	2.3	3.5	13.2	15.9	14.8	7.0	1.2	1.0	.6
15-17	.4	1.0	2.2	2.1	4.6	13.0	19.3	16.6	7.3	2.2	.4	.6
18-20	.2	1.0	1.6	2.6	2.2	5.6	7.1	5.4	3.2	1.3	.5	.5
21-23		.3	.5	3.1	1.1	2.0	1.7	.9		.6	.8	.3
ALL HOURS	.2	1.1	1.6	2.3	2.9	8.6	10.3	8.9	4.2	1.1	.6	.5
TOTAL OBS	3237	3005	3465	3504	3460	3445	3325	3531	3108	3771	3206	3065

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	291 - 020	021 - 070	071 - 120	121 - 210	211 - 290	NO OF OBS
TSTMS			12.5		25.0	62.5		8
LIQUID PRECIP	3.1		32.7	26.2	18.2	14.8	4.9	324
FREEZING PRECIP								
FROZEN PRECIP								
FOG	9.7		29.5	18.1	12.8	24.5	5.3	546
FOG WITH VIS GE 1/2 MILES	9.7		29.9	18.9	13.1	22.8	5.6	518
TOTAL OBS	429	0	1196	368	259	622	363	3237

MONTH: FEB HOURS: ALL

TSTMS	11.8		11.8	11.8	11.8	35.3	17.6	34
LIQUID PRECIP	8.2		23.4	28.9	8.6	21.5	9.4	256
FREEZING PRECIP								
FROZEN PRECIP			100.0					7
FOG	11.3		21.4	18.1	7.5	34.5	7.1	504
FOG WITH VIS GE 1/2 MILES	11.1		21.6	18.7	7.6	33.7	7.2	486
TOTAL OBS	344	0	1005	300	189	785	382	3005

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	291 - 020	021 - 070	071 - 120	121 - 210	211 - 290	NO OF OBS
TSTMS	8.8		12.3	24.6	10.5	33.3	10.5	57
LIQUID PRECIP	5.6		25.3	15.7	16.7	33.3	3.5	198
FREEZING PRECIP								
FROZEN PRECIP								
FOG	9.3		18.6	7.9	10.0	49.2	4.9	429
FOG WITH VIS GE 1/2 MILES	8.9		18.9	8.1	10.3	49.0	4.8	418
TOTAL OBS	347	0	895	249	220	1380	374	3465

MONTH: APR HOURS: ALL

TSTMS	2.5		18.8	12.5	15.0	33.8	17.5	80
LIQUID PRECIP	8.8		16.3	8.8	8.8	45.0	12.5	80
FREEZING PRECIP								
FROZEN PRECIP								
FOG	11.4		18.3	4.1	7.7	46.7	11.8	246
FOG WITH VIS GE 1/2 MILES	11.8		18.1	4.2	7.6	46.2	12.2	238
TOTAL OBS	235	0	948	198	193	1422	508	3504

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	291 - 020	021 - 070	071 - 120	121 - 210	211 - 290	NO OF OBS
TSTMS	6.0		20.0	4.0	5.0	40.0	25.0	100
LIQUID PRECIP	5.4		14.1	3.3	7.6	60.9	8.7	92
FREEZING PRECIP								
FROZEN PRECIP								
FOG	18.3		15.6	6.1	9.1	39.9	11.0	263
FOG WITH VIS GE 1/2 MILES	18.0		16.1	5.1	9.0	40.4	11.4	255
TOTAL OBS	323	0	772	219	187	1566	393	3460

MONTH: JUN HOURS: ALL

TSTMS	1.7		22.3	7.4	7.8	36.1	24.7	296
LIQUID PRECIP	8.8		12.2	10.1	10.1	41.9	16.9	148
FREEZING PRECIP								
FROZEN PRECIP								
FOG	14.9		23.0	9.3	8.1	27.3	17.4	161
FOG WITH VIS GE 1/2 MILES	15.2		22.8	9.5	7.6	27.8	17.1	158
TOTAL OBS	240	0	652	319	257	1372	605	3445

OPERATING LOCATION "A"
USAF TAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	291 - 020	021 - 070	071 - 120	121 - 210	211 - 290	NO OF OBS
TSTMS	7.0		14.5	7.3	7.3	39.0	25.0	344
LIQUID PRECIP	12.2		10.4	11.3	17.4	29.6	19.1	115
FREEZING PRECIP								
FROZEN PRECIP								
FOG	28.5		16.3	8.7	7.6	25.0	14.0	172
FOG WITH VIS GE 1/2 MILES	28.2		16.5	8.8	7.6	24.7	14.1	170
TOTAL OBS	146	0	715	361	203	1043	657	3325

MONTH: AUG HOURS: ALL

TSTMS	5.1		16.0	9.3	8.9	34.5	26.2	313
LIQUID PRECIP	8.7		15.3	9.3	17.3	37.3	12.0	150
FREEZING PRECIP								
FROZEN PRECIP								
FOG	17.7		22.2	16.8	15.8	18.0	9.5	316
FOG WITH VIS GE 1/2 MILES	17.5		22.0	16.9	15.9	18.2	9.6	314
TOTAL OBS	359	0	799	443	352	1046	532	3551

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	291 - 020	021 - 070	071 - 120	121 - 210	211 - 290	NO OF OBS
TSTMS	9.1		14.4	16.7	12.1	31.1	16.7	132
LIQUID PRECIP	8.0		20.3	25.4	15.2	20.3	10.9	138
FREEZING PRECIP								
FROZEN PRECIP								
FOG	23.8		24.2	19.3	10.2	14.8	7.8	244
FOG WITH VIS GE 1/2 MILES	23.3		23.8	19.6	10.4	15.0	7.9	240
TOTAL OBS	435	0	751	714	361	617	230	3108

MONTH: OCT HOURS: ALL

TSTMS	7.0		11.6	14.0	14.0	34.9	18.6	43
LIQUID PRECIP	11.4		16.8	16.8	25.1	25.1	4.8	167
FREEZING PRECIP								
FROZEN PRECIP								
FOG	15.1		23.6	23.0	19.3	14.8	4.3	352
FOG WITH VIS GE 1/2 MILES	15.0		23.2	22.6	19.7	15.0	4.4	340
TOTAL OBS	604	0	1125	762	468	669	143	3771

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	291 - 020	021 - 070	071 - 120	121 - 210	211 - 290	NO OF OBS
TSTMS	5.3		10.5	10.5	5.3	31.6	36.8	19
LIQUID PRECIP	5.9		21.8	25.3	14.1	27.6	5.3	170
FREEZING PRECIP								
FROZEN PRECIP								
FOG	11.6		19.1	12.0	8.9	40.0	8.4	440
FOG WITH VIS GE 1/2 MILES	11.2		19.6	12.4	8.6	39.5	8.6	428
TOTAL OBS	431	0	882	416	303	938	236	3206

MONTH: DEC HOURS: ALL

TSTMS			42.9			42.9	14.3	14
LIQUID PRECIP	2.6		36.2	24.9	7.0	21.8	7.4	229
FREEZING PRECIP								
FROZEN PRECIP			100.0					1
FOG	8.9		25.0	19.8	8.9	33.8	3.6	560
FOG WITH VIS GE 1/2 MILES	8.4		25.7	20.2	9.3	32.7	3.8	526
TOTAL OBS	302	0	1027	356	276	867	237	3065

A - 5 - 6

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTHS: ALL

PHENOMENA	CALM	VARIABLE	291 - 020	021 - 070	071 - 120	121 - 210	211 - 290	NO OF OBS
TSTMS	5.4		17.0	9.6	8.9	36.1	23.0	1440
LIQUID PRECIP	6.8		22.8	19.6	14.1	28.1	8.7	2067
FREEZING PRECIP								
FROZEN PRECIP			100.0					8
FOG	13.4		22.1	14.8	10.7	31.6	7.5	4233
FOG WITH VIS GE 1/2 MILES	13.2		22.3	15.0	10.8	31.1	7.7	4091
TOTAL OBS	4395	0	10767	4705	3268	12327	4660	40122

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	BBBBBBBB
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTT	BBBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PP	AA AA	RR RR	TT	BB BB
PPPPPPPP	AA AA	RRRRRRRR	TT	BBBBBBBB
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	BBBBBBBB
PP	AAAAAAAA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BBBBBBBB
PP	AA AA	RR RR	TT	BBBBBBBB

B - 1 - 1

PART B

PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS, PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".0" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY. THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED WHEN NO SNOWFALL OCCURS DURING THE GIVEN PERIOD.

NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE, THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE SETS OF COMPLETE MONTHS ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

AIR FORCE		NAVY AND NATIONAL WEATHER SERVICE	
THROUGH 1945:	0800 LST	THROUGH JUN 1952:	0030 GMT
JAN 1946 TO MAY 1957:	1230 LST	JUN 1952 TO MAY 1957:	1230 GMT
JUN 1957 TO PRESENT:	1200 GMT	JUN 1957 TO PRESENT:	1200 GMT

NOTE 7. 24-HOUR PRECIPITATION (INCLUDING SNOWFALL AND SNOW DEPTH) VALUES DERIVED FROM PART TIME PERIODS MAY NOT REFLECT TRUE 24-HOUR AMOUNTS. RECORDED AMOUNTS FOLLOWING WEEKENDS AND/OR HOLIDAYS FREQUENTLY REPRESENT AMOUNTS MEASURED FOR PERIODS GREATER THAN 24 HOURS. IN ADDITION, 24-HOUR AMOUNTS MAY NOT REPRESENT THE STANDARD CLIMATOLOGICAL 24-HOUR "MIDNIGHT TO MIDNIGHT" AMOUNT. DATA FROM PART TIME PERIODS MAY NOT ACCURATELY REFLECT NIGHTTIME PRECIPITATION EVENTS.

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS
- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: +06

PERIOD OF RECORD: 4909-4910,5208-5510,5602-9103
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	50.5	63.6	58.9	72.0	66.6	52.2	37.2	37.3	61.4	75.9	66.5	60.4	58.7
TRACE	10.0	6.1	9.3	6.0	7.2	9.0	10.8	10.9	7.4	5.2	7.8	10.8	8.4
.01	2.9	1.8	2.0	.9	1.1	2.1	1.7	2.6	1.1	.7	1.9	1.8	1.7
.02-.05	5.7	3.2	3.4	2.5	4.9	6.2	8.0	6.8	5.2	4.1	4.2	5.0	4.9
.06-.10	5.0	2.6	2.8	1.8	2.2	4.8	5.4	5.7	3.4	.9	2.6	2.3	3.3
.11-.25	5.0	5.8	6.2	4.3	2.9	6.5	8.0	10.9	5.6	2.4	3.3	4.8	5.5
.26-.50	6.7	5.3	5.4	3.1	4.3	5.8	9.3	7.2	6.5	3.2	4.0	4.8	5.4
.51-1.00	6.4	6.3	4.8	4.7	3.8	5.1	9.7	9.8	4.7	3.5	4.7	5.3	5.7
1.01-2.50	6.4	3.7	6.0	3.1	5.8	6.7	6.9	8.5	3.6	2.2	4.2	4.5	5.1
2.51-5.00	1.4	1.1	1.2	1.6	.9	1.6	2.2	.2	.5	1.5	.5	.5	1.1
5.01-10.00		.5	.2		.2		.6		.5	.2	.2		.2
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	39.5	30.3	31.7	21.9	26.2	38.8	51.9	51.7	31.2	17.8	25.7	28.8	33.0
TOTAL NO. OF OBSERVATIONS	420	379	504	447	446	433	462	458	443	536	424	399	5351

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUXFL
LST TO UTC: +06

PERIOD OF RECORD: 4909-4910,5208-5510,5602-9103
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
49									1.18*	3.13			4.31*
52								*	*	*	*	*	.00*
53	*	*	*	*	*	*	*	*	*	*	*	*	.00*
54	*	*	*	*	*	*	*	*	*	*	*	*	.00*
55	*	*	*	*	*	*	*	*	*	*	*	*	.00*
56		*	*	*	*	*	*	*	*	*	*	*	.00*
57	*	*	*	*	*	*	*	*	.00*	1.74*	*	*	1.74*
58	*	*	*	*	*	*	*	*	*	*	*	*	.00*
59	*	*	*	*	*	*	*	*	*	*	*	*	.00*
60	*	*	*	*	*	*	*	*	*	*	*	*	.00*
61	*	*	*	*	*	*	*	*	*	*	*	*	.00*
62	*	*	*	*	*	*	*	*	*	*	*	*	.00*
63	*	*	*	*	*	*	*	*	*	*	*	*	.00*
64	*	*	*	*	*	*	*	*	*	*	*	*	.00*
65	*	*	*	*	*	*	*	*	*	*	*	*	.00*
66	*	*	*	*	*	*	*	*	*	*	*	*	.00*
67	*	*	*	*	*	*	*	*	*	*	*	*	.00*
68	*	*	*	*	*	*	*	*	*	*	*	*	.00*
69	*	*	4.71*	2.30*	4.47*	.81*	15.01*	4.68*	.87*	.18*	1.26*	2.91*	37.20*
70	3.30*	1.07*	3.96*	.25*	TRACE*	12.30*	4.92*	6.91*	1.03*	9.66*	1.22*	1.87*	46.49*
71	2.81*	9.85*	6.11*	2.06*	6.03*	2.38*	8.55*	10.58*	2.53*	.00*	1.56*	5.04*	57.50*
72	.70*	3.80*	6.34	.97	9.34	5.45	3.39	3.59	3.78	3.70*	5.17*	3.99*	50.22*
73	2.13*	.00*	10.23	7.60	6.32	6.24	5.93	4.42	6.49*	1.61*	4.90*	2.38*	58.25*
74	6.80	1.94*	1.68*	2.70	.42*	6.36	4.51	8.21	10.47*	1.49*	1.35*	2.33*	48.26*
75	5.45	4.47	4.23	3.22*	6.95*	4.86*	19.37	5.56	16.24	8.61	3.16	3.75*	85.87*
76	3.86	1.90*	5.59	4.84	7.27	6.14	5.19	4.88	5.40	5.37	1.54*	2.36*	54.34*
77	4.28	1.50	6.09	.24	4.05*	3.64	10.58*	17.44	8.76	1.63	5.07*	1.85*	65.13*
78	11.17	3.87	8.32	10.27	10.08	7.97	12.80*	7.85*	7.05*	.29	4.57*	2.93*	87.17*
79	9.22*	6.64*	4.85*	3.98	4.62	3.59*	14.16*	5.27*	*	.54	5.54*	2.18*	60.59*
80	5.76*	1.69*	5.18*	6.74*	3.37*	6.91*	4.40*	4.90*	4.71	4.10	1.97*	.27*	50.00*

B - 2 - 2A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: +06

PERIOD OF RECORD: 4909-4910,5208-5510,5602-9103
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	1.40*	9.78*	2.60*	1.21	5.38*	1.50	8.49*	11.79	2.33*	2.33	1.77*	5.17*	53.75*
82	6.28*	12.35	3.56	3.64	1.64*	7.58*	8.02*	7.44	3.01*	4.51*	2.37*	9.44*	69.84*
83	4.69	7.14*	6.07	12.35*	4.54	14.34	3.43*	8.03	6.60*	4.94	4.50*	5.16*	81.79*
84	3.76	4.01*	4.34	5.35*	3.57*	4.22	10.15	5.95	.37*	5.27*	3.43	2.10	52.52*
89			8.72				16.00*		4.01*	8.36*	10.22*	3.82*	51.13*
90	5.70*	4.93	10.74*	2.70	5.96*	2.82	5.63*	5.20	.49*	5.42*	1.49*	1.56*	52.64*
91	18.28*	1.59	3.65*										23.52*
LEAST	3.76	1.50	3.56	.24	4.54	1.50	3.39	3.59	3.78	.29	3.16	2.10	
GREATEST	18.28	12.35	10.74	12.35	10.08	14.34	19.37	17.44	16.24	9.66	10.22	9.44	87.17
MEAN	5.71	4.78	6.35	3.81	7.03	5.87	8.09	7.50	7.78	3.44			
MEDIAN	4.69	4.17	6.08	3.17	6.80	5.80	5.56	5.95	5.40	3.13			
SD	2.626	3.980	2.150	3.114	2.333	3.541	5.991	4.014	5.090	2.648			
TOTAL OBS	420	379	504	447	446	433	462	458	443	536	424	399	5351

THE GREATEST VALUE OF 19.37 OCCURRED ON 07/75

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUXFL
LST TO UTC: +06

PERIOD OF RECORD: 4909-4910,5208-5510,5602-9103
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
49									.45*	.97			.97*
52								*	*	*	*	*	*
53	*	*	*	*	*	*	*	*	*	*	*	*	*
54	*	*	*	*	*	*	*	*	*	*	*	*	*
55	*	*	*	*	*	*	*	*	*	*	*	*	*
56		*	*	*	*	*	*	*	*	*	*	*	*
57	*	*	*	*	*	*	*	*	.00*	1.06*	*	*	1.06*
58	*	*	*	*	*	*	*	*	*	*	*	*	*
59	*	*	*	*	*	*	*	*	*	*	*	*	*
60	*	*	*	*	*	*	*	*	*	*	*	*	*
61	*	*	*	*	*	*	*	*	*	*	*	*	*
62	*	*	*	*	*	*	*	*	*	*	*	*	*
63	*	*	*	*	*	*	*	*	*	*	*	*	*
64	*	*	*	*	*	*	*	*	*	*	*	*	*
65	*	*	*	*	*	*	*	*	*	*	*	*	*
66	*	*	*	*	*	*	*	*	*	*	*	*	*
67	*	*	*	*	*	*	*	*	*	*	*	*	*
68	*	*	*	*	*	*	*	*	*	*	*	*	*
69	*	*	1.87*	1.20*	1.82*	.44*	5.25*	1.70*	.45*	.06*	.63*	1.39*	5.25*
70	1.62*	.39*	2.37*	.22*	TRACE*	4.45*	2.65*	1.51*	.34*	2.70*	.95*	.80*	4.45*
71	.98*	5.60*	1.26*	.81*	1.80*	.70*	3.04*	2.26*	.71*	.00*	1.12*	2.33*	5.60*
72	.27*	.96*	1.72	.44	7.80	1.53	1.07	.77	1.32	3.30*	2.95*	1.51*	7.80*
73	2.11*	.00*	2.17	3.61	1.73	1.92	1.04	1.21	1.90*	.70*	2.42*	.84*	3.61*
74	2.85	1.37*	.93*	1.11	.42*	1.97	1.18	1.75	9.64*	.88*	.87*	1.32*	9.64*
75	1.72	1.36	1.65	1.31*	1.92*	2.15*	7.89	1.25	10.00	3.90	1.12	2.05*	10.00*
76	1.97	.95*	1.85	2.99	3.54	1.84	2.07	1.75	2.26	1.81	.53*	1.12*	3.54*
77	1.70	.84	2.67	.24	2.55*	1.02	2.71*	3.58	3.16	.59	1.56*	.72*	3.58*
78	3.40	1.38	4.26	4.62	4.78	2.59	1.60*	1.51*	3.48*	.21	2.22*	2.46*	4.78*
79	2.59*	2.83*	3.32*	1.66	1.60	1.14*	2.26*	1.74*	*	.36	3.12*	.92*	3.32*
80	1.80*	.77*	1.68*	1.86*	1.28*	3.08*	2.58*	2.28*	1.15	2.35	1.47*	.15*	3.08*

B - 2 - 3A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: +06

PERIOD OF RECORD: 4909-4910,5208-5510,5602-9103
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	.54*	4.38*	1.30*	.79	1.80*	1.00	3.65*	2.25	.92*	2.09	1.14*	1.32*	4.38*
82	2.97*	7.58	1.52	1.15	.88*	3.01*	1.07*	2.02	1.10*	2.94*	1.42*	3.60*	7.58*
83	1.61	2.52*	1.60	3.81*	1.98	3.17	1.62*	2.01	2.10*	3.04	1.38*	2.60*	3.81*
84	.92	1.64*	2.32	3.06*	1.89*	1.61	1.48	1.78	.15*	2.92*	1.22	1.57	3.06*
89			3.05				4.58*		2.34*	7.25*	6.24*	1.23*	7.25*
90	2.07*	1.29	5.68*	1.10	3.70*	1.05	2.29*	2.01	.22*	3.19*	.77*	.97*	5.68*
91	3.18*	.68	3.04*										3.18*
GREATEST	3.40	7.58	5.68	4.62	7.80	4.45	7.89	3.58	10.00	7.25	6.24	3.60	10.00
TOTAL OBS	420	379	504	447	446	433	462	458	443	536	424	399	5351

THE GREATEST VALUE OF 10.00 OCCURRED ON 09/24/75

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUXFL
LST TO UTC: +06

PERIOD OF RECORD: 4909-4910,5208-5510,5602-9103
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.8	99.9
TRACE	.8	.3										.2	.1
0.1-0.4													
0.5-1.4	.3												.0
1.5-2.4													
2.5-3.4													
3.5-4.4													
4.5-6.4													
6.5-10.4													
10.5-15.4													
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	.3												.0
TOTAL NO. OF OBSERVATIONS	614	588	739	699	667	696	712	741	682	732	644	586	8100

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: +06

PERIOD OF RECORD: 4909-4910, 5208-5510, 5602-9103
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
49									.0*	.0			.0*
52								*	*	*	*	*	.0*
53	*	*	*	*	*	*	*	*	*	*	*	*	.0*
54	*	*	*	*	*	*	*	.0*	*	*	*	*	.0*
55	*	*	*		*	.0*	.0*	.0*	.0*	.0*			.0*
56		.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
57	.0*	*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
58	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	*	.0*
59	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	*	.0*
60	*	.0*	*	.0*	.0*	.0*	.0*	.0*	.0*	*	*	.0*	.0*
61	*	.0*	.0*	.0*	*	*	*	*	*	*	*	*	.0*
62	*	*	*	*	*	*	*	*	*	*	*	*	.0*
63	*	*	*	*	*	*	*	*	*	*	*	*	.0*
64	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*
65	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
66	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
67	.0*		.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
68	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
69	.0*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*
70	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
71	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
72	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0*	.0*
73	.0*	.0*	.0	.0	.0	.0	.0	.0	.0*	.0*	.0	.0*	.0*
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0*
75	.0	.0	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	.0*	.0*
76	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*
77	2.0	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0*	.0*
78	TRACE	TRACE	.0	.0	.0	.0	.0*	.0	.0*	.0	.0*	.0*	TRACE*
79	.0*	.0*	.0*	.0	.0	.0*	.0*	.0*	*	.0	.0*	.0*	.0*
80	.0*	.0*	.0	.0*	.0*	.0*	.0*	.0*	.0	.0	.0	.0*	.0*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUXFL
LST TO UTC: +06

PERIOD OF RECORD: 4909-4910,5208-5510,5602-9103
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	.0*	.0*	.0*	.0	.0*	.0	.0*	.0	.0*	.0	.0*	.0*	.0*
82	TRACE*	.0	.0	.0	.0*	.0*	.0*	.0	.0*	.0*	.0*	.0*	TRACE*
83	.0	.0*	.0	.0*	.0	.0	.0*	.0	.0*	.0	.0*	.0*	.0*
84	.0	.0*	.0	.0*	.0*	.0	.0	.0	.0*	.0*	.0	.0	.0*
89			.0				.0*		.0*	.0*	.0*	TRACE*	TRACE*
90	.0*	.0	.0*	.0	.0	.0	.0*	.0	.0*	.0*	.0*	.0*	.0*
91	.0	.0	.0*										.0*
LEAST	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
GREATEST	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.0
MEAN	.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0		
MEDIAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
SD	.707	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000		
TOTAL OBS	614	588	739	699	667	696	712	741	682	732	644	586	8100

THE GREATEST VALUE OF 2.0 OCCURRED ON 01/77

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: +06

PERIOD OF RECORD: 4909-4910,5208-5510,5602-9103
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
49									.0*	.0			.0*
52								*	*	*	*	*	*
53	*	*	*	*	*	*	*	*	*	*	*	*	*
54	*	*	*	*	*	*	*	.0*	*	*	*	*	.0*
55	*	*	*	*	*	.0*	.0*	.0*	.0*	.0*			.0*
56		.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
57	.0*	*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
58	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	*	.0*
59	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	*	.0*
60	*	.0*	*	.0*	.0*	.0*	.0*	.0*	.0*	*	*	.0*	.0*
61	*	.0*	.0*	.0*	*	*	*	*	*	*	*	*	.0*
62	*	*	*	*	*	*	*	*	*	*	*	*	*
63	*	*	*	*	*	*	*	*	*	*	*	*	*
64	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*
65	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
66	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
67	.0*		.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
68	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
69	.0*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*
70	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
71	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*
72	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0*	.0*
73	.0*	.0*	.0	.0	.0	.0	.0	.0	.0*	.0*	.0	.0*	.0*
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0*
75	.0	.0	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	.0*	.0*
76	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*
77	1.0	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0*	1.0*
78	TRACE	TRACE	.0	.0	.0	.0	.0*	.0	.0*	.0	.0*	.0*	TRACE*
79	.0*	.0*	.0*	.0	.0	.0*	.0*	.0*	*	.0	.0*	.0*	.0*
80	.0*	.0*	.0	.0*	.0*	.0*	.0*	.0*	.0	.0	.0	.0*	.0*

B - 3 - 3A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUXFL
LST TO UTC: +06

PERIOD OF RECORD: 4909-4910,5208-5510,5602-9103
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	.0*	.0*	.0*	.0	.0*	.0	.0*	.0	.0*	.0	.0*	.0*	.0*
82	TRACE*	.0	.0	.0	.0*	.0*	.0*	.0	.0*	.0*	.0*	.0*	TRACE*
83	.0	.0*	.0	.0*	.0	.0	.0*	.0	.0*	.0	.0*	.0*	.0*
84	.0	.0*	.0	.0*	.0*	.0	.0	.0	.0*	.0*	.0	.0	.0*
89			.0				.0*		.0*	.0*	.0*	TRACE*	TRACE*
90	.0*	.0	.0*	.0	.0	.0	.0*	.0	.0*	.0*	.0*	.0*	.0*
91	.0	.0	.0*										.0*
GREATEST	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0
TOTAL OBS	614	588	739	699	667	696	712	741	682	732	644	586	8100

THE GREATEST VALUE OF 1.0 OCCURRED ON 01/18/77

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: +06

PERIOD OF RECORD: 4909-4910,5208-5510,5602-9103
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	100.0
TRACE	.1											.1	.0
1													
2													
3													
4-6													
7-12	.1												.0
13-24													
25-36													
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS	.1												.0
TOTAL NO. OF OBSERVATIONS	760	662	843	782	774	787	815	827	787	891	758	726	9412

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUXFL
LST TO UTC: +06

PERIOD OF RECORD: 4909-4910,5208-5510,5602-9103
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
49									0*	0			0*
52								0*	0*	0*	0*	0*	0*
53	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
54	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	*	*	0*
55	0*	*	*	*	0*	0*	0*	0*	0*	0*			0*
56		0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
57	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
58	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
59	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
60	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
61	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
62	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
63	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
64	0*	*	0*	0*	*	0*	0*	0*	0*	0*	0*	0*	0*
65	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
66	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
67	0*		0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
68	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
69	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
70	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
71	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
72	0*	0*	0	0	0	0	0	0	0	0*	0	0*	0*
73	0*	0*	0	0	0	0	0	0	0*	0*	0	0*	0*
74	0	0	0	0	0	0	0	0	0	0*	0*	0*	0*
75	0	0	0	0*	0*	0	0	0	0	0	0	0*	0*
76	0	0	0	0	0	0	0	0	0	0	0*	0*	0*
77	10	0	0	0	0*	0	0	0	0	0	0	0*	10*
78	0	0	0	0	0	0	0*	0	0*	0	0*	0*	0*
79	0*	0*	0*	0	0	0*	0*	0*	*	0	0*	0*	0*
80	0*	0*	0	0*	0*	0*	0*	0*	0	0	0	0*	0*

B - 4 - 2A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: +06

PERIOD OF RECORD: 4909-4910,5208-5510,5602-9103
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	0*	0*	0*	0	0*	0	0*	0	0*	0	0*	0*	0*
82	TRACE*	0	0	0	0*	0*	0*	0	0*	0*	0*	0*	TRACE*
83	0	0*	0	0*	0	0	0*	0	0*	0	0*	0*	0*
84	0	0*	0	0*	0*	0	0	0	0*	0*	0	0	0*
89			0				0*		0*	0*	0*	TRACE*	TRACE*
90	0*	0	0*	0	0	0	0*	0	0*	0*	0*	0*	0*
91	0	0	0*										0*
GREATEST	10*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	TRACE*	10*
TOTAL OBS	760	662	843	782	774	787	815	827	787	891	758	726	9412

THE GREATEST VALUE OF 10 OCCURRED ON 01/18/77

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUXFL

PERIOD OF RECORD: 4909-4910,5208-5510,5602-9103

SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
63 - 64	JAN 13			JAN 13		
68 - 69	FEB 14			FEB 14		
76 - 77	JAN 18	JAN 18	JAN 18	JAN 31	JAN 31	JAN 18
77 - 78	JAN 14			FEB 08		
81 - 82	JAN 12			JAN 14		
89 - 90	DEC 23			DEC 23		
MEDIAN-DATE	JAN 13	JAN 18	JAN 18	JAN 22	JAN 31	JAN 18

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	CCCCC
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTTT	CCCCCCCC
PP PP	AA AA	RR RR	TT	CC CC
PP PP	AA AA	RR RR	TT	CC
PPPPPPPP	AA AA	RRRRRRRR	TT	CC
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	CC
PP	AAAAAAAAAA	RR RR	TT	CC
PP	AA AA	RR RR	TT	CC CC
PP	AA AA	RR RR	TT	CCCCCCCC
PP	AA AA	RR RR	TT	CCCCC

C - 1 - 1

PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE FREQUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, ARE PRINTED BELOW EACH SUMMARY.

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (0800 METERS) THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET. IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED: WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUXFL
LST TO UTC: +06

PERIOD OF RECORD: 4909-4910,5208-5510,5602-9103
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
49									*	*			*
52								*	*	*	*	*	*
53	*	*	*	*	*	*	*	*	*	*	*	*	*
54	*	*	*	*	*	*	*	*	*	*	*	*	*
55	*	*	*	*	*	*	*	*	*	*			*
56		*	*	*	*	*	*	*	*	*	*	*	*
57	*	*	*	*	*	*	*	*	*	*	*	*	*
58	*	*	*	*	*	*	*	*	*	*	*	*	*
59	*	*	*	*	*	*	*	*	*	*	*	*	*
60	*	*	*	*	*	*	*	*	*	*	*	*	*
61	*	*	*	*	*	*	*	*	*	*	*	*	*
62	*	*	*	*	*	*	*	*	*	*	*	*	*
63	*	*	*	*	*	*	*	*	*	*	*	*	*
64	*	*	*	*	*	SW *18	*	*	*	*	*	*	SW *18
65	*	*	*	*	*	*	*	*	*	*	*	*	*
66	*	*	*	*	*	*	ESE*39	SW *27	N *23	NW *25	NW *29	SSE*27	ESE*39
67	NNW*24		W *36	SE *19	*	E *18	*	*	*	*	*	*	W *36
68	*	*	*	*	*	*	*	*	*	*	*	*	*
69	*	*	*	*	*	*	*	*	*	*	*	*	*
70	*	*	*	*	*	*	*	*	*	*	*	*	*
71	*	*	*	*	*	*	*	*	*	*	*	*	*
72	*	*	*	*	*	*	*	*	*	*	*	*	*
73	*	*	*	*	*	*	*	*	*	*	*	*	*
74	*	*	*	*	*	*	*	*	*	*	*	*	*
75	*	*	*	*	*	*	*	*	*	*	*	*	*
76	*	*	*	*	*	*	04/*34	20/*27	35/*21	16/*35	35/*26	35/*32	16/*35
77	20/*32	22/ 43	16/ 35	20/*33	32/*36	28/*35	33/*42	13/ 38	31/ 37	23/ 36	30/ 27	23/*33	22/*43
78	20/*42	26/ 28	18/ 30	25/ 32	33/*28	18/*35	10/*22	21/ 38	34/*42	35/ 23	20/*27	20/*37	20/*42
79	19/*37	33/*31	21/*39	15/*34	27/*36	06/*25	12/*41	25/*40	*	29/ 44	15/*30	35/*27	29/*44
80	34/*29	33/*30	32/*34	18/*46	30/*20	24/*39	16/*26	18/*16	20/*12	34/*20	33/*27	*	18/*46

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: +06

PERIOD OF RECORD: 4909-4910,5208-5510,5602-9103
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
81	36/*20	09/*14	32/*26	23/*33	30/*22	22/*23	22/*23	26/*36	30/*30	34/*28	24/*27	31/*26	26/*36
82	33/*27	15/*25	36/*25	22/*38	03/*26	27/*47	25/*25	09/ 37	11/*23	16/*24	18/*26	35/*28	27/*47
83	07/ 36	28/*40	15/*47	16/*37	27/ 41	10/ 23	34/*25	02/ 33	21/*28	18/ 30	27/*31	28/*40	15/*47
84	15/ 31	17/*50	24/ 38	30/*36	19/*44	33/ 38	19/*33	*	*	16/*20	30/ 30	32/ 25	17/*50
89			35/ 36				27/*37		16/*26	17/*26	26/*32	26/*26	27/*37
90	29/*27	18/ 39	20/ 38	30/ 28	14/*32	11/ 27	36/*35	10/*47	34/*23	34/*26	20/*40	20/*29	10/*47
91	27/ 26	16/*33	20/*48										20/*48
.....													
GREATEST	20/ 42	17/ 50	20/ 48	18/ 46	19/ 44	27/ 47	33/ 42	10/ 47	34/ 42	29/ 44	20/ 40	28/ 40	17/ 50
.....													
TOTAL OBS	242	222	295	225	205	196	224	217	178	277	267	242	2790
.....													

THE PEAK WIND OF 50 FROM 17/ OCCURRED ON 02/26/84

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH
\$THE VALUE IS 100 OR GREATER WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: +06

PERIOD OF RECORD: 4909-4910,5208-5510,5602-9103
MONTH: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS											MEAN WIND	MEDIAN WIND	TOTAL OBS
	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
JAN	.0	6.6	33.1	30.6	15.3	9.9	2.5	1.2	.8	.0	.0	17.1	16.0	242
FEB	.0	5.4	33.8	27.0	17.1	9.0	5.4	.5	1.4	.5	.0	18.0	16.0	222
MAR	.3	1.7	19.7	31.9	24.4	15.9	2.4	2.7	1.0	.0	.0	19.7	19.0	295
APR	.0	.9	15.1	32.9	26.7	15.1	7.6	1.3	.4	.0	.0	20.5	20.0	225
MAY	.0	2.9	22.4	46.8	16.1	6.8	2.0	2.0	1.0	.0	.0	18.1	17.0	205
JUN	.0	2.0	26.0	46.4	16.3	4.6	1.0	2.0	1.5	.0	.0	17.8	17.0	196
JUL	.0	.9	29.9	33.0	25.0	6.3	2.7	1.3	.9	.0	.0	18.2	17.0	224
AUG	.0	3.2	31.8	40.6	13.4	4.1	3.7	2.3	.9	.0	.0	17.4	16.0	217
SEP	.0	2.2	47.8	34.3	10.1	2.8	1.1	1.1	.6	.0	.0	15.8	14.5	178
OCT	.0	2.2	43.7	33.9	15.9	2.9	.4	.7	.4	.0	.0	15.9	15.0	277
NOV	.0	4.5	41.2	34.1	11.2	6.7	1.9	.0	.4	.0	.0	16.1	15.0	267
DEC	.0	9.1	34.3	28.9	14.0	9.5	3.3	.4	.4	.0	.0	16.7	16.0	242
ANNUAL	.0	3.5	31.5	34.7	17.3	8.1	2.8	1.3	.8	.0	.0	17.6	16.0	2790

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246 STATION NAME: DUKE FLD/EGLIN AUX FL PERIOD OF RECORD: APR 81 - MAR 91
LST TO UTC: + 6 MONTH: JAN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														
020-040														
050-070														
(E) 080-100														
110-130														
140-160		11.1	11.1									22.2	9.0	9.0
(S) 170-190														
200-220														
230-250														
(W) 260-280														
290-310	11.1											11.1	2.0	2.0
320-340	11.1											11.1	2.0	2.0
VARIABLE														
CALM	////////////////////////////////////											55.6	////////////////////////////////	
TOTALS	22.2	11.1	11.1									100.0	2.4	4.0
TOTAL NUMBER OF OBSERVATIONS ?														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN HOURS: 03-05

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010														
020-040														
050-070														
(E) 080-100														
110-130														
140-160														
(S) 170-190														
200-220														
230-250														
(W) 260-280														
290-310														
320-340														
VARIABLE														
CALM	////////////////////											100.0	////////////////	
TOTALS													.0	4.0
TOTAL NUMBER OF OBSERVATIONS 4														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246 STATION NAME: DUKE FLD/EGLIN AUX FL PERIOD OF RECORD: APR 81 - MAR 91
LST TO UTC: + 6 MONTH: JAN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	5.5	1.8									9.1	6.8	6.0
020-040	7.3	9.1										16.4	5.0	5.0
050-070	3.6	3.6										7.3	4.5	4.5
(E) 080-100	9.1	1.8										10.9	3.5	4.0
110-130	3.6	3.6										7.3	5.0	4.5
140-160														
(S) 170-190	5.5											5.5	2.3	2.0
200-220														
230-250		1.8										1.8	8.0	8.0
(W) 260-280														
290-310														
320-340		1.8	3.6	1.8								7.3	12.0	13.0
VARIABLE														
CALM	////////////////////////////////////											34.5	////////////////////////////////	
TOTALS	30.9	27.2	5.4	1.8								100.0	3.7	5.0
TOTAL NUMBER OF OBSERVATIONS 55														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.1	9.1	4.1	.9								21.2	6.8	6.0
020-040	5.5	6.7	1.5									13.6	5.5	5.0
050-070	4.2	3.5	.3	.1								8.1	4.8	4.0
(E) 080-100	2.3	4.6	.4	.3								7.7	6.3	6.0
110-130	3.9	3.8	.7									8.4	5.5	5.0
140-160	2.0	4.1	1.0	.1								7.3	6.7	7.0
(S) 170-190	.9	2.5	.9									4.2	7.1	7.0
200-220	.7	1.5	.7	.3								3.2	7.4	7.0
230-250	.4	1.5	.9									2.8	8.3	8.0
(W) 260-280	1.3	2.0	.7									4.1	6.4	6.0
290-310	1.5	2.6	1.9		.1							6.1	7.6	8.0
320-340	2.3	4.9	2.3	.3								9.9	7.5	7.0
VARIABLE														
CALM	////////////////////											3.5	////////	
TOTALS	32.1	46.8	15.4	2.0	.1							100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 689

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN HOURS: 12-14

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		4.8	8.3	5.4	.4								18.9	7.3	7.0
020-040		3.8	4.8	.7									9.2	5.4	5.0
050-070		3.2	2.1	.3	.1								5.8	5.0	4.0
(E) 080-100		1.9	2.0		.3								4.2	5.2	5.0
110-130		2.5	2.1	.3									5.0	4.9	4.0
140-160		1.3	3.6	2.5									7.5	7.8	8.0
(S) 170-190		1.7	3.6	2.4									7.8	7.8	8.0
200-220		.3	2.5	1.9	.5								5.2	9.6	9.0
230-250		1.1	2.1	1.5	.1								4.8	8.1	8.0
(W) 260-280		2.4	2.3	1.3	.1								6.2	6.4	6.0
290-310		2.7	3.4	3.1	.1								9.2	7.4	8.0
320-340		3.1	6.3	4.2	.3								13.8	7.4	7.0
VARIABLE															
CALM		////////////////////////////////////											2.4	////////////////////////////////	
TOTALS		28.8	43.1	23.6	1.9								100.0	6.8	7.0

TOTAL NUMBER OF OBSERVATIONS 746

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.8	7.2	4.0	.1								17.1	6.5	7.0
020-040	5.1	4.7	.8									10.6	5.1	5.0
050-070	3.3	1.2	.1									4.7	3.8	3.5
(E) 080-100	2.1	1.2	.1	.1								3.6	4.8	4.0
110-130	1.8	1.4	.7									3.9	5.3	5.0
140-160	1.8	4.4	1.2									7.5	6.7	7.0
(S) 170-190	3.7	6.2	1.5									11.5	6.2	6.0
200-220	2.1	6.2	.7	.1								9.1	6.6	7.0
230-250	.3	1.0	1.1	.1								2.5	8.7	9.0
(W) 260-280	1.5	1.7	.3									3.5	5.2	5.0
290-310	2.3	2.5	1.9	.4								7.2	7.1	7.0
320-340	5.5	4.6	3.7	.6								14.4	7.0	7.0
VARIABLE														
CALM	////////////////////////////////////											4.6	////////////////////////////////	
TOTALS	35.3	42.3	16.1	1.4								100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 724

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.0	5.0	2.8									15.9	5.5	4.0
020-040	3.1	1.9	.2									5.2	4.2	4.0
050-070	2.2	2.2	.3									4.7	4.7	5.0
(E) 080-100	1.7	1.4										3.1	4.0	3.5
110-130	1.7	1.9	.5									4.1	5.5	6.0
140-160	3.5	2.2	.8									6.4	4.9	4.0
(S) 170-190	4.4	1.4	.8									6.6	4.6	4.0
200-220	2.0	2.8										4.9	5.0	5.0
230-250	2.0	2.0										4.1	5.1	4.5
(W) 260-280	1.9	1.1										3.0	3.9	4.0
290-310	2.5	1.3	.3	.2								4.2	4.6	4.0
320-340	2.8	2.8	1.6	.3								7.5	6.7	6.5
VARIABLE														
CALM	////////////////////////////////////											30.3	////////////////////////////////	
TOTALS	35.8	26.0	7.3	.5								100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 637

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 61 - MAR 91
MONTH: JAN HOURS: 21-23

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		7.0	4.6	1.6		.3							13.4	5.7	4.0
020-040		2.9	3.2	.3									6.4	4.7	5.0
050-070		1.9	1.6										3.5	4.3	4.0
(E) 080-100		1.9	2.4	.5									4.8	5.5	5.0
110-130		1.6	.8	1.3									3.8	6.1	5.0
140-160		1.9	2.7	.3									4.8	5.2	5.5
(S) 170-190		2.7	1.1										3.8	3.5	3.0
200-220		1.1	1.1										2.1	5.3	4.5
230-250		.8	1.1	.3									2.1	5.3	5.0
(W) 260-280		2.4	5.1	.5									8.0	5.5	5.0
290-310		2.7	1.1	.5	.3								4.6	5.4	4.0
320-340		2.4	2.4	1.9	.3								7.0	7.4	7.5
VARIABLE															
CALM		////////////////////////////////////											35.7	////////////////////////////////	
TOTALS		29.3	27.2	7.2	.6	.3							100.0	3.5	5.0

TOTAL NUMBER OF OBSERVATIONS 373

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN HOURS: ALL

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		6.3	7.1	3.8	.3	.0							17.5	6.5	6.0
020-040		4.3	4.5	.7									9.5	5.2	5.0
050-070		3.1	2.2	.2	.1								5.6	4.6	4.0
(E) 080-100		2.1	2.3	.2	.2								4.8	5.3	5.0
110-130		2.4	2.1	.6									5.2	5.4	5.0
140-160		2.0	3.5	1.3	.0								6.8	6.5	6.0
(S) 170-190		2.7	3.2	1.2									7.1	6.2	6.0
200-220		1.2	3.0	.7	.2								5.1	7.0	7.0
230-250		.9	1.6	.8	.1								3.3	7.3	7.0
(W) 260-280		1.8	2.1	.6	.0								4.6	5.7	5.0
290-310		2.3	2.3	1.7	.2	.0							6.4	6.8	6.0
320-340		3.3	4.4	2.9	.4								10.9	7.2	7.0
VARIABLE															
CALM		////////////////////////////////////										13.3	////////////////////////////////		
TOTALS		32.4	38.3	14.7	1.5								100.0	5.4	6.0

TOTAL NUMBER OF OBSERVATIONS 3237

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.6	10.1	3.9	.6								21.1	6.7	7.0
020-040	7.9	8.3	.8									17.0	5.1	5.0
050-070	3.9	3.5		.4								7.7	4.8	4.5
(E) 080-100	3.3	4.1	.2	1.0								8.5	6.3	5.0
110-130	2.5	1.7	.2									4.4	4.4	4.0
140-160	2.7	4.4	2.3									9.5	6.5	6.0
(S) 170-190	2.1	3.7	2.7									8.5	7.6	8.0
200-220	.8	1.5	.8	.4								3.5	8.4	8.5
230-250	.2	.2	.8	.2								1.4	10.1	12.0
(W) 260-280	.8	.2	.4									1.4	5.4	3.0
290-310	1.5	.8	1.4	.2								3.9	7.3	7.5
320-340	1.4	5.4	2.1	.8								9.7	8.4	8.0
VARIABLE														
CALM	////////////////////											3.5	////////	
TOTALS	33.7	43.9	15.6	3.6								100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 517

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		20.0										20.0	5.0	5.0
020-040														
050-070	20.0											20.0	2.0	2.0
(E) 080-100														
110-130	20.0											20.0	4.0	4.0
140-160														
(S) 170-190														
200-220														
230-250														
(W) 260-280														
290-310														
320-340	20.0											20.0	3.0	3.0
VARIABLE														
CALM	////////////////////											20.0	////////	
TOTALS	60.0	20.0										100.0	2.8	3.5

TOTAL NUMBER OF OBSERVATIONS 5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	33.3											33.3	2.0	2.0
020-040														
050-070														
(E) 080-100														
110-130														
140-160														
(S) 170-190														
200-220														
230-250														
(W) 260-280														
290-310														
320-340														
VARIABLE														
CALM	////////////////////											66.7	////////	
TOTALS	33.3											100.0	.7	2.0
TOTAL NUMBER OF OBSERVATIONS 6														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	6.8	1.7									11.9	6.1	6.0
020-040	3.4	1.7										5.1	4.7	4.0
050-070	5.1	3.4										8.5	4.4	4.0
(E) 080-100		1.7										1.7	5.0	5.0
110-130	1.7	6.8	3.4									11.9	7.4	8.0
140-160	3.4	3.4		1.7								8.5	6.6	5.0
(S) 170-190	8.5											8.5	3.2	4.0
200-220	1.7											1.7	4.0	4.0
230-250	3.4	1.7										5.1	3.0	2.0
(W) 260-280	1.7	5.1	1.7									8.5	8.0	8.0
290-310		3.4										3.4	6.5	6.5
320-340		3.4	1.7									5.1	7.3	7.0
VARIABLE														
CALM	////////////////////////////////////											20.3	////////////////////////////////	
TOTALS	32.3	37.4	8.5	1.7								100.0	4.6	5.0

TOTAL NUMBER OF OBSERVATIONS 59

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.7	5.7	6.4	.7								16.6	8.4	8.0
020-040	3.1	5.5	.9	.1								9.7	6.0	5.0
050-070	3.0	3.4	.4									6.9	5.4	5.0
(E) 080-100	3.0	3.0	1.2									7.2	6.0	6.0
110-130	2.2	4.0	1.6	.1								8.1	6.9	7.0
140-160	2.2	3.9	3.1	1.8								11.1	8.7	8.0
(S) 170-190	1.2	3.3	1.8	.1								6.4	7.6	8.0
200-220	1.3	1.5	1.0	.4								4.3	7.6	6.0
230-250	1.0	1.5	1.2	.1	.3							4.2	8.6	8.0
(W) 260-280	.9	1.9	2.4	.1	.3							5.7	9.1	9.5
290-310	.6	1.3	2.5	.1								4.6	8.7	10.0
320-340	1.5	4.0	2.2	.9	.3							9.0	8.6	7.0
VARIABLE														
CALM	////////////////////////////////////											6.1	//////////	
TOTALS	23.7	39.0	24.7	4.4	.9							100.0	7.2	7.0
TOTAL NUMBER OF OBSERVATIONS 668														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	6.1	4.0	.6								14.0	7.7	7.5
020-040	2.6	4.9	.3									7.7	5.6	6.0
050-070	1.4	2.9	.4									4.7	5.8	6.0
(E) 080-100	1.9	2.1	.9									4.9	6.2	6.5
110-130	1.7	2.0	.9	.4								5.0	7.2	6.0
140-160	1.7	4.1	3.9	1.0	.3							11.0	9.6	9.0
(S) 170-190	2.9	4.6	3.7	.6	.1							11.9	8.0	8.0
200-220	1.0	1.6	1.1	.7	.1							4.6	9.1	8.0
230-250	1.7	1.4	1.9	.4	.6							6.0	8.8	7.5
(W) 260-280	1.4	2.6	2.3									6.3	7.6	8.0
290-310		3.6	2.7	.6								6.9	9.6	9.0
320-340	3.4	5.4	4.0	.3	.6	.1						13.9	8.4	8.0
VARIABLE														
CALM	////////////////////////////////////											3.3	////////////////////////////////	
TOTALS	23.0	41.3	26.1	4.6	1.7	.1						100.0	7.7	8.0

TOTAL NUMBER OF OBSERVATIONS 700

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: 15-17

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.9	8.2	3.7									15.9	6.8	6.0
020-040	3.9	3.4										7.3	4.7	4.0
050-070	2.4	3.7	.4									6.6	5.5	5.0
(E) 080-100	.4	.7	.7									1.9	7.8	8.0
110-130	.6	1.3	.7									2.7	6.9	7.0
140-160	1.2	4.3	3.6	.6								9.7	9.0	9.0
(S) 170-190	3.7	7.2	2.4	.4								13.8	7.0	7.0
200-220	2.1	4.0	2.5	.6								9.3	8.0	8.0
230-250	.4	1.5	2.1	.3	.4							4.8	10.9	10.0
(W) 260-280	.4	1.2	.6	.1								2.4	8.0	8.0
290-310	1.3	2.4	2.4	.9	.1							7.2	9.0	9.0
320-340	3.9	7.5	3.3	.7	.1							15.6	7.3	7.0
VARIABLE														
CALM	////////////////////////////////////											2.7	////////////////////////////////	
TOTALS	24.2	45.4	22.4	3.6	.6							100.0	7.2	7.0
TOTAL NUMBER OF OBSERVATIONS 667														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.7	5.0	1.7									14.4	5.0	4.0
020-040	4.6	1.5	.2									6.3	3.8	3.0
050-070	1.2	1.2	1.2									3.6	7.0	8.0
(E) 080-100	1.0	.9	.3									2.2	5.7	5.0
110-130	.9	.7	1.4									2.9	7.6	7.0
140-160	3.9	3.4	1.2									8.5	5.7	5.0
(S) 170-190	6.2	2.2	.3									8.7	4.0	4.0
200-220	3.4	2.7	.5	.3								7.0	5.6	5.0
230-250	1.9	2.2	.9	.5								5.5	7.2	6.0
(W) 260-280	1.4	1.2	.5									3.1	5.3	5.0
290-310	2.9	1.2	.9	.7	.2							5.8	7.1	4.5
320-340	3.4	3.1	2.1									8.5	6.5	6.0
VARIABLE														
CALM	////////////////////////////////////											23.4	////////////////////////////////	
TOTALS	38.5	25.3	11.2	1.5	.2							100.0	4.3	4.0

TOTAL NUMBER OF OBSERVATIONS 585

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.0	6.0	1.9									14.9	5.2	5.0
020-040	2.2	2.5	.3									5.1	5.3	5.5
050-070	1.6	1.6	.6									3.8	5.2	5.0
(E) 080-100	1.0	1.6	.3									2.9	5.6	5.0
110-130	1.6	.3	1.3									3.2	6.8	5.5
140-160	3.5	2.2	.6									6.3	5.0	4.0
(S) 170-190	4.1	1.0										5.1	3.3	3.5
200-220	2.2	.6	.3									3.2	4.6	3.5
230-250	.6	.6	1.3									2.5	8.3	8.0
(W) 260-280	1.3	1.9	1.0	.3								4.4	7.4	6.0
290-310	3.5	1.6	1.0	.3								6.3	6.0	4.0
320-340	1.6	2.2	3.8	.3								7.9	8.9	10.0
VARIABLE														
CALM	////////////////////////////////////											34.3	////////	
TOTALS	30.2	22.1	12.4	.9								100.0	3.9	5.0
TOTAL NUMBER OF OBSERVATIONS 315														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: ALL

		WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
DIRECTION	(DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		4.8	6.3	3.8	.3								15.2	6.8	6.0
020-040		3.4	3.7	.3	.0								7.5	5.2	5.0
050-070		2.1	2.7	.6									5.4	5.7	5.0
(E) 080-100		1.5	1.7	.7									3.9	6.2	6.0
110-130		1.4	2.0	1.2	.1								4.7	7.1	7.0
140-160		2.4	3.8	2.7	.8	.1							9.7	8.2	8.0
(S) 170-190		3.6	3.9	1.9	.3	.0							9.7	6.6	6.0
200-220		1.9	2.2	1.2	.5	.0							5.8	7.4	6.0
230-250		1.2	1.5	1.5	.3	.3							4.8	8.7	8.0
(W) 260-280		1.1	1.8	1.4	.1	.1							4.5	7.8	8.0
290-310		1.4	2.1	2.0	.5	.1							6.1	8.4	8.0
320-340		2.9	4.7	3.0	.5	.2	.0						11.3	7.8	7.0
VARIABLE															
CALM		////////////////////////////////////											11.4	////////////////////////////////	
TOTALS		27.7	36.4	20.3	3.4	.8							100.0	6.3	7.0

TOTAL NUMBER OF OBSERVATIONS 3005

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	6.2	2.2	.2								12.6	6.4	6.0
020-040	4.4	5.2	.4	.2								10.2	5.4	5.0
050-070	3.0	5.6	2.2									10.8	6.7	7.0
(E) 080-100	1.6	3.0	1.2									5.8	7.1	7.0
110-130	1.0	2.6	1.0	.2								4.8	7.3	7.0
140-160	1.6	6.8	3.2	1.2								12.8	8.7	9.0
(S) 170-190	4.6	6.0	2.6	.8								14.0	7.1	6.0
200-220	1.0	2.4	1.6	.8								5.8	9.0	8.0
230-250	2.0	1.4	1.2									4.6	6.3	6.0
(W) 260-280	1.2	.6	.2									2.0	4.5	3.5
290-310	.4	1.8	.8	.8	.2							4.0	10.0	8.0
320-340	1.4	5.2	1.8	.2	.2							8.8	7.7	7.0
VARIABLE														
CALM	////////////////////											4.0	////////	
TOTALS	26.2	46.8	18.4	4.4	.4							100.0	6.9	7.0

TOTAL NUMBER OF OBSERVATIONS 501

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														7.0
020-040	9.1											9.1	2.0	2.0
050-070	18.2											18.2	3.0	3.0
(E) 080-100														
110-130														
140-160														
(S) 170-190														
200-220		9.1										9.1	5.0	5.0
230-250														
(W) 260-280														
290-310		9.1										9.1	8.0	8.0
320-340														
VARIABLE														
CALM	////////////////////////////////////											54.5	////////	
TOTALS	27.3	18.2										100.0	1.9	4.0

TOTAL NUMBER OF OBSERVATIONS 11

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	11.1	11.1										22.2	5.0	5.0
020-040														
050-070														
(E) 080-100														
110-130														
140-160		11.1										11.1	5.0	5.0
(S) 170-190														
200-220														
230-250		11.1										11.1	5.0	5.0
(W) 260-280														
290-310														
320-340		11.1										11.1	5.0	5.0
VARIABLE														
CALM	////////////////////////////////////											44.4	////////////////////////////////	
TOTALS	11.1	44.4										100.0	2.8	5.0
TOTAL NUMBER OF OBSERVATIONS 9														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	6.6		1.3								9.2	7.3	6.0
020-040	2.6	2.6										5.3	3.8	3.5
050-070	2.6											2.6	3.0	3.0
(E) 080-100	1.3	3.9	1.3									6.6	7.2	8.0
110-130	3.9	5.3	3.9	1.3								14.5	7.5	7.0
140-160	1.3	1.3	2.6	1.3								6.6	10.8	11.0
(S) 170-190	2.6	3.9	2.6	1.3								10.5	8.6	9.0
200-220	2.6											2.6	2.5	2.5
230-250	2.6	5.3	1.3									9.2	6.7	7.0
(W) 260-280														
290-310	1.3	3.9										5.3	5.5	6.0
320-340	2.6	3.9										6.6	5.2	6.0
VARIABLE														
CALM	////////////////////////////////////											21.1	////////////////////////////////	
TOTALS	24.7	36.7	11.7	5.2								100.0	5.4	6.5

TOTAL NUMBER OF OBSERVATIONS 76

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	7.1	2.8	.1								12.3	7.4	8.0
020-040	2.3	4.7	1.1									8.1	6.1	6.0
050-070	2.0	2.8	.4									5.3	5.4	5.0
(E) 080-100	1.3	4.6	1.3									7.3	7.1	8.0
110-130	1.9	3.5	2.0	.1								7.5	7.5	7.0
140-160	1.8	6.3	7.3	2.2	.4							17.9	9.9	10.0
(S) 170-190	1.6	3.0	2.6	.1	.3	.1	.1					7.8	9.0	8.0
200-220	1.1	2.0	1.2		.3							4.6	8.0	6.0
230-250	1.1	1.6	.9									3.6	7.2	7.0
(W) 260-280	1.3	1.9	.7									3.9	5.9	5.0
290-310	1.9	2.3	1.3	.7								6.2	7.6	6.5
320-340	2.6	3.0	3.9	1.3								10.8	9.0	9.0
VARIABLE														
CALM	////////////////////////////////////											4.7	////////////////////////////////	
TOTALS	21.1	42.8	25.5	4.5	1.0	.1	.1					100.0	7.5	8.0
TOTAL NUMBER OF OBSERVATIONS 742														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	4.6	3.7	.1								9.4	8.3	8.0
020-040	2.2	3.3	.1									5.6	5.2	5.0
050-070	1.3	2.3	.5									4.1	6.1	6.5
(E) 080-100	1.3	1.5	.1									2.9	5.7	5.0
110-130	1.7	2.2	1.0	.4								5.3	7.1	7.0
140-160	1.2	5.3	7.3	2.4	1.0							17.2	10.9	10.0
(S) 170-190	1.5	7.6	6.7	.8	.3							16.8	9.1	9.0
200-220	.8	3.5	1.0	.8	.6							6.7	9.8	8.0
230-250	2.2	1.8	1.2	.5	.1							5.8	7.7	7.0
(W) 260-280	1.0	2.3	.6	.1								4.1	6.8	6.0
290-310	1.0	3.2	2.3	.1								6.7	8.3	8.0
320-340	1.5	5.8	4.5	1.2								12.9	8.8	8.0
VARIABLE														
CALM	////////////////////////////////////											2.6	////////////////////////////////	
TOTALS	16.6	43.4	29.0	6.4	2.0							100.0	8.3	8.0

TOTAL NUMBER OF OBSERVATIONS 780

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	4.8	3.1	.3								9.2	8.3	8.0
020-040	1.9	2.8										4.8	4.9	5.0
050-070	1.2	1.4	.4									3.0	6.1	6.0
(E) 080-100	.9	.9										1.8	4.7	4.5
110-130	.5	1.6	1.3									3.4	7.8	8.0
140-160	1.6	7.5	8.3	1.3	.1							18.8	9.6	10.0
(S) 170-190	1.7	13.3	7.2	.3								22.5	8.1	8.0
200-220	.8	6.3	3.2	.1	.3							10.7	8.7	9.0
230-250	.6	2.8	1.4	.8								5.7	9.1	8.0
(W) 260-280	.6	1.2	.6	.1								2.6	7.6	8.0
290-310	.6	2.7	2.6	.4								6.3	9.0	9.0
320-340	.9	4.5	3.9	.3								9.6	8.4	8.0
VARIABLE														
CALM	////////////////////											1.7	////////	
TOTALS	12.3	49.8	32.0	3.6	.4							100.0	8.2	8.0
TOTAL NUMBER OF OBSERVATIONS 773														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246 STATION NAME: DUKE FLD/EGLIN AUX FL PERIOD OF RECORD: APR 81 - MAR 91
LST TO UTC: + 6 MONTH: MAR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	2.5	.7	.1								7.2	5.6	4.0
020-040	2.5	.6	.1									3.2	3.8	4.0
050-070	1.3	.7	.1									2.2	4.6	3.0
(E) 080-100	1.0	.4										1.5	3.5	3.0
110-130	1.3	2.1	.1									3.5	5.6	5.5
140-160	9.0	6.6	2.5									18.1	5.4	5.0
(S) 170-190	10.5	7.4	.6	.1								18.6	4.7	4.0
200-220	5.9	3.2	.1	.1		.1						9.6	4.9	4.0
230-250	1.6	2.2		.6								4.4	6.3	5.5
(W) 260-280	.7	.3	.6									1.6	6.1	5.0
290-310	2.7	1.6	.6	.1								5.0	5.5	4.0
320-340	2.1	4.3	1.3	.1								7.8	6.8	7.0
VARIABLE														
CALM	////////////////////////////////////											17.2	////////	
TOTALS	42.4	31.9	6.7	1.1		.1						100.0	4.4	4.0
TOTAL NUMBER OF OBSERVATIONS 679														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.3	2.3	.8									9.4	4.6	4.0
020-040	2.3	.5										2.8	2.8	2.0
050-070	1.8	1.5	.3									3.5	5.0	4.5
(E) 080-100	1.0	1.3	.5									2.8	6.2	7.0
110-130	2.8	1.5	.3									4.6	4.1	2.5
140-160	6.1	3.3	.8									10.1	4.8	4.0
(S) 170-190	7.6	1.8	.5									9.9	3.7	3.0
200-220	2.0	.5	.8	.3								3.5	6.4	4.0
230-250	1.0	2.0	.3									3.3	5.2	6.0
(W) 260-280	2.3	.3										2.5	3.5	3.5
290-310	2.8	1.5	1.0									5.3	5.9	4.0
320-340	2.0	4.3	1.0	.5								7.8	7.1	7.0
VARIABLE														
CALM	////////////////////////////////////											34.4	////////////////////////////////	
TOTALS	38.0	20.8	6.3	.8								100.0	3.3	4.0
TOTAL NUMBER OF OBSERVATIONS 395														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS: ALL

		WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN
DIRECTION	(DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64			
(N) 350-010		2.4	4.6	2.4	.2							9.5	7.2	7.0
020-040		2.3	2.6	.3								5.2	5.1	5.0
050-070		1.6	1.8	.3								3.7	5.5	5.0
(E) 080-100		1.1	1.8	.4								3.4	6.2	6.0
110-130		1.6	2.3	1.1	.1							5.1	6.8	7.0
140-160		3.5	5.9	5.7	1.3	.3						16.8	8.7	8.0
(S) 170-190		4.0	7.0	3.9	.3	.1	.0	.0				15.5	7.3	7.0
200-220		2.0	3.3	1.3	.3	.3	.0					7.2	7.6	7.0
230-250		1.4	2.2	.8	.4	.0						4.8	7.5	7.0
(W) 260-280		1.1	1.3	.5	.1							2.9	6.3	6.0
290-310		1.6	2.4	1.6	.3							6.0	7.6	7.0
320-340		1.8	4.4	3.1	.7							10.0	8.2	8.0
VARIABLE														
CALM		////////////////////////////////////										10.0	////////	
TOTALS		24.4	39.6	21.4	3.7	.7						100.0	6.7	7.0

TOTAL NUMBER OF OBSERVATIONS 3465

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	4.6	1.3									7.6	6.9	6.0
020-040	3.0	3.3	.2									6.5	4.6	5.0
050-070	1.5	1.5	.9									3.9	6.1	5.0
(E) 080-100	1.5	2.2	.7									4.3	5.8	6.0
110-130	2.0	3.0	1.5	.2								6.7	6.7	5.0
140-160	4.6	7.6	10.2	3.0	2.0							27.3	10.3	10.5
(S) 170-190	2.4	7.8	5.4	1.5	.2	.2						17.6	9.1	9.0
200-220	.9	1.3	1.1	.4	.4							4.1	10.5	9.0
230-250	.7	.7	.7	.2								2.2	7.9	8.0
(W) 260-280	.4	.7	.2									1.3	5.3	5.0
290-310	.9	.7	.7	.4								2.6	8.1	7.0
320-340	2.4	3.7	3.3	.2								9.5	7.6	7.0
VARIABLE														
CALM	////////////////////											6.3	////////	
TOTALS	22.0	37.1	26.2	5.9	2.6	.2						100.0	7.8	8.0

TOTAL NUMBER OF OBSERVATIONS 461

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														8.0
020-040														
050-070														
(E) 080-100														
110-130														
140-160	8.3	2.8	2.8									13.9	5.4	4.0
(S) 170-190	13.9	5.6	2.8									22.2	4.9	4.0
200-220														
230-250														
(W) 260-280														
290-310	2.8	5.6										8.3	4.7	5.0
320-340		5.6										5.6	5.5	5.5
VARIABLE														
CALM	////////////////////////////////////											50.0	////////	
TOTALS	25.0	19.6	5.6									100.0	2.5	4.5
TOTAL NUMBER OF OBSERVATIONS 36														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR HOURS: 06-08

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		3.8	5.4	1.1	.5								10.9	6.3	6.5
020-040		6.0	6.0										12.0	4.9	4.5
050-070		2.7	3.3										6.0	5.2	6.0
(E) 080-100		3.3	4.9	.5									8.7	5.7	6.0
110-130		1.1	6.0	2.7									9.8	7.7	8.0
140-160		1.6	2.7	1.6									6.0	6.6	7.0
(S) 170-190		1.6	2.2	.5									4.3	5.5	5.0
200-220		1.1	2.2										3.3	5.2	5.0
230-250		1.6	1.6										3.3	4.5	4.5
(W) 260-280		2.2	4.3	1.1									7.6	6.1	5.0
290-310		6.0	4.3	.5									10.9	4.9	4.0
320-340		2.7	5.4	2.7									10.9	6.5	5.5
VARIABLE															
CALM		////////////////////////////////////										6.5	////////////////////////////////		
TOTALS		33.7	48.3	10.7	.5								100.0	5.5	5.0

TOTAL NUMBER OF OBSERVATIONS 184

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR HOURS: 09-11

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		3.2	5.0	3.3	.3								11.8	7.2	7.0
020-040		1.7	4.7	.3									6.6	5.9	6.0
050-070		1.8	3.3	.1									5.3	5.6	6.0
(E) 080-100		2.2	3.5	.3	.1								6.1	5.8	6.0
110-130		1.9	4.1	1.8									7.9	6.9	7.0
140-160		1.7	5.1	4.4	1.2								12.4	9.1	9.0
(S) 170-190		1.4	4.1	4.4	.7								10.7	9.1	9.0
200-220		1.4	1.9	1.4	.1								4.8	7.5	7.0
230-250		1.2	1.7	.8									3.7	6.5	6.0
(W) 260-280		2.8	3.7	1.0	.3								7.7	6.1	6.0
290-310		2.2	3.7	1.8	.4								8.2	7.7	8.0
320-340		2.4	6.5	3.2	.3								12.3	7.6	7.0
VARIABLE															
CALM		////////////////////////////////////										2.5	////////////////////////////////		
TOTALS		23.9	47.3	22.8	3.4								100.0	7.2	7.0

TOTAL NUMBER OF OBSERVATIONS 723

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR HOURS: 12-14

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		.9	6.5	2.6									10.0	7.5	8.0
020-040		1.4	2.2	.5									4.1	5.8	5.0
050-070		.6	1.6										2.2	5.1	6.0
(E) 080-100		.9	1.7	.1									2.7	5.5	6.0
110-130		1.0	1.6	.3									2.8	5.5	5.5
140-160		1.2	3.5	5.6	2.2	.3							12.7	10.7	11.0
(S) 170-190		1.0	9.1	10.7	1.4	.3							22.5	9.6	10.0
200-220		1.7	3.0	3.8	.6	.1							9.2	9.1	9.0
230-250		.6	1.3	1.3	.5	.3							4.0	9.6	10.0
(W) 260-280		1.3	1.8	1.2	.3	.1							4.7	7.9	7.0
290-310		2.1	5.2	2.5	.4								10.1	7.7	8.0
320-340		2.1	5.8	4.9	.5								13.3	8.4	8.0
VARIABLE															
CALM		////////////////////////////////////											1.7	////////////////////////////////	
TOTALS		14.8	43.3	33.5	5.9	1.1							100.0	8.4	8.0
TOTAL NUMBER OF OBSERVATIONS 773															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	4.8	1.9	.1								8.3	7.9	8.0
020-040	1.4	2.2	.1									3.8	5.6	5.0
050-070	.8	.8	.1									1.7	5.2	5.0
(E) 080-100	.5	.6	.1									1.3	5.6	5.0
110-130	.6	.4	.4	.1								1.6	7.3	7.5
140-160	.6	4.5	6.6	.6								12.4	9.4	10.0
(S) 170-190	1.3	17.2	8.4	1.0	.3							28.2	8.7	8.0
200-220	.6	7.8	6.7	.3								15.4	8.9	9.0
230-250	.4	2.6	3.8	.5								7.3	10.0	10.0
(W) 260-280	.6	.9	.9	.4								2.8	8.7	8.5
290-310	.5	1.7	1.9									4.1	8.3	8.5
320-340	1.7	5.8	5.1	.3								12.8	8.7	9.0
VARIABLE														
CALM	////////////////////////////////////											.3	////////////////////////////////	
TOTALS	10.4	49.3	36.0	3.3	.3							100.0	8.6	8.0

TOTAL NUMBER OF OBSERVATIONS 772

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	2.0	.5									6.1	4.7	4.0
020-040	2.3	.5										2.8	3.1	3.0
050-070	.8	1.2										2.0	4.8	5.0
(E) 080-100	.6	.3										.9	3.5	2.5
110-130	1.4	1.2	.2									2.8	4.8	4.5
140-160	5.2	4.4	2.4	.3								12.4	6.4	6.0
(S) 170-190	10.2	8.3	1.5									20.0	5.2	4.0
200-220	6.6	8.6	1.1									16.2	5.5	5.0
230-250	2.8	5.8	1.8									10.4	6.3	6.0
(W) 260-280	1.8	1.7										3.5	4.6	4.0
290-310	2.6	1.1	.2									3.8	4.4	3.0
320-340	4.1	3.8	.8									8.7	5.4	5.0
VARIABLE														
CALM	////////////////////////////////////											10.4	////////	
TOTALS	42.1	38.9	8.5	.3								100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 654

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR HOURS: 21-23

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N)	350-010	5.1	2.3	.3									7.7	3.9	3.0
	020-040	2.6											2.6	2.6	2.0
	050-070	1.7	.9										2.6	4.6	4.0
(E)	080-100	2.6		.3		.3							3.1	5.5	4.0
	110-130	2.0	.6	.6									3.1	5.3	4.0
	140-160	3.7	3.1	2.9	.6								10.3	7.3	6.5
(S)	170-190	11.1	2.9	.9									14.9	3.8	3.0
	200-220	3.7	1.4	.3									5.4	3.9	3.0
	230-250	1.1	4.0	.9									6.0	5.9	5.0
(W)	260-280	2.6	2.0										4.6	4.5	4.0
	290-310	4.0	2.3										6.3	3.8	4.0
	320-340	1.7	1.7	.3									3.7	5.3	5.0
VARIABLE															
	CALM	////////////////////////////////////											29.7	////////////////////////////////	
TOTALS		41.9	21.2	6.5	.6	.3							100.0	3.3	4.0

TOTAL NUMBER OF OBSERVATIONS 350

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	2.6	4.4	1.9	.1								9.0	6.7	7.0
020-040	2.0	2.3	.2									4.5	5.1	5.0
050-070	1.1	1.7	.1									2.9	5.2	6.0
(E) 080-100	1.4	1.5	.2	.0	.0							3.2	5.5	5.0
110-130	1.3	1.9	.8	.0								4.0	6.4	6.0
140-160	2.3	4.1	4.5	1.0	.1							12.0	8.8	9.0
(S) 170-190	4.1	8.6	5.6	.7	.1							19.1	7.8	8.0
200-220	2.5	4.6	2.8	.2	.0							10.2	7.4	7.0
230-250	1.2	2.8	1.7	.2	.1							6.0	7.7	7.0
(W) 260-280	1.7	2.1	.7	.2	.0							4.8	6.4	6.0
290-310	2.3	3.0	1.4	.2								6.8	6.8	6.0
320-340	2.4	5.1	3.2	.2								10.9	7.6	8.0
VARIABLE														
CALM	////////////////////////////////////											6.7	////////////////////////////////	
TOTALS	24.9	42.1	23.1	2.8	.3							100.0	6.8	7.0
TOTAL NUMBER OF OBSERVATIONS 3504														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	1.7	2.5									5.8	7.9	9.0
020-040	.8	.8	1.7									3.3	7.5	8.0
050-070	1.7	2.1										3.7	5.7	6.0
(E) 080-100	.4	3.3	.4	.4								4.5	8.0	8.0
110-130	2.5	3.7	1.2									7.4	6.2	5.5
140-160	4.1	14.5	10.3	2.9								31.8	8.5	8.0
(S) 170-190	2.9	8.3	8.3	.4								19.8	8.6	8.5
200-220	1.2	3.3	2.1		.4							7.0	8.6	8.0
230-250	.4	1.7	1.2									3.3	8.4	9.0
(W) 260-280	.8	2.1	.4									3.3	5.9	5.0
290-310	1.2	.4	.8									2.5	6.3	5.0
320-340	1.7	.8	2.1									4.5	8.0	8.0
VARIABLE														
CALM	////////////////////////////////////											2.9	////////////////////////////////	
TOTALS	19.4	42.7	31.0	3.7	.4							100.0	7.8	8.0

TOTAL NUMBER OF OBSERVATIONS 242

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	11.8											11.8	3.0	3.0
020-040														
050-070														
(E) 080-100														
110-130														
140-160														
(S) 170-190	17.6											17.6	2.3	2.0
200-220	5.9											5.9	3.0	3.0
230-250														
(W) 260-280														
290-310														
320-340														
VARIABLE														
CALM	////////////////////////////////////											64.7	////////	
TOTALS	35.3											100.0	.9	3.0

TOTAL NUMBER OF OBSERVATIONS 17

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.8	4.8										9.5	3.5	3.5
020-040	4.8											4.8	4.0	4.0
050-070														
(E) 080-100	9.5	9.5										19.0	4.3	4.5
110-130	4.8											4.8	2.0	2.0
140-160		4.8										4.8	7.0	7.0
(S) 170-190		4.8										4.8	6.0	6.0
200-220														
230-250	9.5											9.5	2.0	2.0
(W) 260-280	4.8											4.8	3.0	3.0
290-310														
320-340														
VARIABLE														
CALM	////////////////////////////////////											38.1	////////	
TOTALS	38.2	23.9										100.0	2.4	4.0

TOTAL NUMBER OF OBSERVATIONS 21

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.9	6.6	2.1									14.6	5.6	5.0
020-040	5.6	3.5	.7									9.7	4.5	4.0
050-070	6.3	2.8	.7									9.7	4.6	4.0
(E) 080-100	3.8	3.5	.7									8.0	4.7	5.0
110-130	3.1	10.4	1.0									14.6	6.6	6.0
140-160	3.1	5.2	1.7									10.1	6.5	6.0
(S) 170-190	1.4	3.8	1.7									6.9	7.3	7.0
200-220	2.4	1.4		.7								4.5	5.8	4.0
230-250		2.4	.3									2.8	7.8	8.0
(W) 260-280	2.1	1.0										3.1	4.4	4.0
290-310	.7	1.0										1.7	5.8	5.0
320-340	2.4	2.8	1.7									6.9	6.6	7.5
VARIABLE														
CALM	////////////////////////////////////											7.3	////////////////////////////////	
TOTALS	36.8	44.4	10.6	.7								100.0	5.4	6.0

TOTAL NUMBER OF OBSERVATIONS 288

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	5.6	2.1									11.2	6.3	6.0
020-040	3.4	2.9	1.1									7.4	5.7	5.0
050-070	1.2	2.8	.1									4.1	5.3	6.0
(E) 080-100	1.8	3.6	.4									5.8	5.6	5.5
110-130	3.0	4.4	1.0									8.4	6.1	6.0
140-160	3.3	6.5	4.3	.4								14.5	7.7	8.0
(S) 170-190	1.7	6.9	5.6	.3	.1							14.6	8.5	8.0
200-220	1.9	2.9	1.1	.3	.4							6.6	7.7	8.0
230-250	1.9	2.2	1.2									5.4	6.4	7.0
(W) 260-280	1.9	2.8	.1									4.8	5.2	5.0
290-310	2.1	2.1	.8	.1								5.1	6.2	5.0
320-340	1.9	4.3	1.8									8.0	6.8	6.0
VARIABLE														
CAIM	////////////////////////////////////											4.1	////////////////////////////////	
TOTALS	27.5	47.0	19.6	1.1	.5							100.0	6.5	6.0

TOTAL NUMBER OF OBSERVATIONS 726

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	4.3	1.3	.3								8.6	6.9	7.0
020-040	1.8	1.8	.5									4.2	5.5	5.0
050-070	2.1	1.2	.1									3.4	4.3	4.0
(E) 080-100	.4	1.0										1.4	5.2	6.0
110-130	.5	.8	.4	.1								1.8	6.9	5.5
140-160	2.5	6.5	6.0	.3	.1							15.3	8.5	8.0
(S) 170-190	3.4	14.0	10.2	.6								28.3	8.5	8.0
200-220	1.6	6.1	3.5	.8	.1	.1						12.2	8.8	8.0
230-250	1.2	2.1	1.3	.5	.1							5.2	8.4	8.0
(W) 260-280	1.4	1.4	.1									3.0	5.2	5.0
290-310	1.4	1.8	1.6									4.8	7.0	8.0
320-340	1.0	5.3	3.4	.3								10.0	8.2	8.0
VARIABLE														
CALM	////////////////////////////////////											1.9	////////////////////////////////	
TOTALS	20.0	46.3	28.4	2.9	.3	.1						100.0	7.7	8.0

TOTAL NUMBER OF OBSERVATIONS 771

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	4.7	2.4									8.2	7.7	8.0
020-040	1.5	2.6	.1									4.3	5.4	5.0
050-070	.7	1.0										1.7	4.6	5.0
(E) 080-100	.1	.1										.3	5.0	5.0
110-130	.7	.6	.3									1.5	6.1	6.0
140-160	1.3	6.3	4.2	.1								11.8	8.2	8.0
(S) 170-190	2.9	16.8	10.3	.7								30.7	8.3	8.0
200-220	3.9	11.7	6.4	.6								22.5	7.6	8.0
230-250	.4	.8	1.8									3.1	9.5	10.0
(W) 260-280	.6	.7			.1							1.4	6.3	6.0
290-310	.6	3.3	.3	.1								4.3	6.7	7.0
320-340	1.3	4.2	2.6	.6								8.6	8.5	8.0
VARIABLE														
CALM	////////////////////////////////////											1.7	////////////////////////////////	
TOTALS	15.1	52.8	28.4	2.1	.1							100.0	7.7	8.0

TOTAL NUMBER OF OBSERVATIONS 720

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.5	3.7	.8	.2								9.2	5.5	5.0
020-040	3.1	.3	.2									3.6	3.1	3.0
050-070	.9	.3										1.2	3.1	3.0
(E) 080-100	.6											.6	2.0	2.0
110-130	.9	1.1	.3	.2								2.5	5.9	5.5
140-160	6.1	4.5	.8									11.4	4.8	4.0
(S) 170-190	11.5	10.6	.9									23.1	4.9	4.5
200-220	7.9	6.7	1.1									15.7	4.8	4.0
230-250	2.8	2.3	.5	.2								5.8	5.2	5.0
(W) 260-280	1.6	.6										2.2	3.4	3.0
290-310	1.7	.8										2.5	3.4	2.0
320-340	2.0	4.8	.3									7.2	5.9	6.0
VARIABLE														
CALM	////////////////////////////////////											15.1	////////////////////////////////	
TOTALS	43.6	35.7	4.9	.6								100.0	4.1	4.0

TOTAL NUMBER OF OBSERVATIONS 642

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.5	1.5	.4									7.3	3.9	3.5
020-040	1.1											1.1	1.3	1.0
050-070	1.1											1.1	2.7	3.0
(E) 080-100	1.8											1.8	2.0	2.0
110-130	1.8	.7	.4									2.9	4.3	3.0
140-160	3.6	1.8	1.1									6.5	4.8	4.0
(S) 170-190	9.1	1.8	1.1									12.0	4.2	3.0
200-220	5.5	1.5	.4									7.3	4.6	4.0
230-250	1.5	1.5	.4									3.3	4.8	5.0
(W) 260-280	1.8	.4										2.2	2.8	2.0
290-310	.4	.4										.7	3.0	3.0
320-340	2.5	4.0	.4									6.9	5.6	6.0
VARIABLE														
CALM	////////////////////////////////////											46.9	////////////////////////////////	
TOTALS	35.7	13.6	4.2									100.0	2.3	4.0

TOTAL NUMBER OF OBSERVATIONS 275

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: ALL

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		3.4	4.5	1.6	.1								9.6	6.3	6.0
020-040		2.6	1.9	.5									5.0	5.0	4.0
050-070		1.6	1.3	.1									3.1	4.6	4.0
(E) 080-100		1.1	1.4	.1									2.6	4.9	5.0
110-130		1.5	2.3	.5	.1								4.4	6.2	6.0
140-160		3.2	5.5	3.5	.2	.0							12.4	7.3	7.0
(S) 170-190		4.8	10.5	6.0	.3	.0							21.7	7.5	8.0
200-220		3.7	5.9	2.6	.4	.1	.0						12.7	7.0	7.0
230-250		1.4	1.8	1.1	.1	.0							4.5	7.0	7.0
(W) 260-280		1.5	1.3	.1		.0							2.8	4.8	4.0
290-310		1.3	1.8	.6	.1								3.7	6.2	6.0
320-340		1.7	4.4	1.9	.2								8.2	7.3	7.0
VARIABLE															
CALM		////////////////////////////////////										9.3	////////////////////////////////		
TOTALS		27.8	42.6	18.6	1.5	.1							100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 3460

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	4.8	1.8									8.9	6.3	6.0
020-040		1.8	.6									2.4	7.5	7.5
050-070	2.4	2.4	.6									5.4	5.1	5.0
(E) 080-100	1.2	2.4	1.2									4.8	6.6	6.5
110-130	3.0	5.4	1.2	.6								10.1	6.9	7.0
140-160	4.2	12.5	7.7		.6							25.0	7.7	7.0
(S) 170-190	4.2	6.5	3.0		.6							14.3	7.5	7.0
200-220	.6	3.6	1.8	1.2	1.8	.6						9.5	13.6	12.0
230-250	.6	1.8	1.2	.6	.6							4.8	11.0	11.5
(W) 260-280	1.8											1.8	2.7	3.0
290-310	1.2	1.2										2.4	5.5	5.0
320-340	.6	2.4	1.8									4.8	8.1	9.0
VARIABLE														
CALM	////////////////////											6.0	////////	
TOTALS	22.2	44.8	20.9	2.4	3.6	.6						100.0	7.4	7.0

TOTAL NUMBER OF OBSERVATIONS 168

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	25.0											25.0	2.0	2.0
020-040	12.5											12.5	2.0	2.0
050-070		12.5										12.5	5.0	5.0
(E) 080-100														
110-130														
140-160														
(S) 170-190		12.5										12.5	5.0	5.0
200-220														
230-250														
(W) 260-280														
290-310	12.5											12.5	4.0	4.0
320-340														
VARIABLE														
CALM	////////////////////////////////////											25.0	////////////////////////////////	
TOTALS	50.0	25.0										100.0	2.5	3.0

TOTAL NUMBER OF OBSERVATIONS 8

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.6	3.0										10.5	3.5	3.5
020-040	9.2	2.3										11.5	3.3	3.0
050-070	4.3	4.6										8.9	4.5	5.0
(E) 080-100	4.3	4.3	.3									8.9	4.8	5.0
110-130	3.3	3.0										6.2	4.3	4.0
140-160	2.6	2.0										4.6	4.4	4.0
(S) 170-190	4.3	3.3		.3								7.9	4.8	4.0
200-220	3.3	3.0	.7									6.9	5.0	5.0
230-250	4.3	3.0										7.2	4.3	4.0
(W) 260-280	2.0	3.6	.3									5.9	4.9	5.0
290-310	3.6	3.3										6.9	4.2	4.0
320-340	4.9	1.6										6.6	3.8	4.0
VARIABLE														
CALM	////////////////////////////////////											7.9	////////////////////////////////	
TOTALS	53.7	37.0	1.3	.3								100.0	3.9	4.0
TOTAL NUMBER OF OBSERVATIONS 304														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.3	3.8	.3									8.3	4.6	4.0
020-040	5.7	3.8		.1								9.6	4.4	4.0
050-070	3.6	2.7										6.3	4.1	4.0
(E) 080-100	3.4	4.0	.4									7.8	5.4	5.5
110-130	3.8	3.0	.1									6.9	4.3	4.0
140-160	3.1	3.1	.5									6.7	5.3	5.0
(S) 170-190	3.1	5.0	2.7									10.8	7.0	7.0
200-220	2.8	4.7	1.5									9.0	6.4	6.0
230-250	1.7	4.2	1.1									7.0	6.3	6.0
(W) 260-280	4.4	3.0	.4			.1						7.9	5.0	4.0
290-310	3.9	3.2	.5									7.7	5.0	4.0
320-340	5.1	3.6	.3									9.0	4.4	4.0
VARIABLE														
CALM	////////////////////////////////////											3.0	////////////////////////////////	
TOTALS	44.9	44.1	7.8	.1		.1						100.0	5.1	5.0
TOTAL NUMBER OF OBSERVATIONS 743														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	3.5	.9									7.2	5.6	5.0
020-040	2.7	2.6	.1									5.5	5.0	4.5
050-070	3.0	3.4	.1									6.5	4.8	5.0
(E) 080-100	1.0	2.2	.3									3.5	5.8	6.0
110-130	1.2	2.7	.4									4.3	5.8	6.0
140-160	2.2	4.2	1.3									7.7	6.4	7.0
(S) 170-190	3.4	13.0	6.4	.5								23.3	7.6	8.0
200-220	3.0	8.2	4.7									15.9	7.5	8.0
230-250	2.1	3.4	1.7									7.2	7.1	7.0
(W) 260-280	1.6	2.3	.3									4.2	6.0	6.5
290-310	2.2	3.1	.5									5.9	5.8	6.0
320-340	3.3	4.2	.4									7.8	5.3	5.5
VARIABLE														
CALM	////////////////////////////////////											1.0	////////////////////////////////	
TOTALS	28.4	52.8	17.1	.5								100.0	6.4	6.0

TOTAL NUMBER OF OBSERVATIONS 767

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUN HOURS: 15-17

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		1.4	3.3	.7									5.4	6.3	6.0
020-040		2.2	2.6	.1	.1								5.1	5.4	5.0
050-070		2.1	1.5										3.6	4.6	4.0
(E) 080-100		1.8	1.0										2.8	4.1	4.0
110-130		1.5	.3	.6									2.4	5.4	4.0
140-160		2.4	5.3	.7									8.3	6.2	7.0
(S) 170-190		3.9	14.7	5.7									24.3	7.2	8.0
200-220		5.1	13.9	6.1	.1								25.2	7.2	7.5
230-250		1.0	4.2	2.4	.1								7.6	7.5	7.0
(W) 260-280		1.5	2.5	.1									4.2	5.1	5.0
290-310		1.1	2.6	.4									4.2	6.1	6.0
320-340		1.7	2.9	.1									4.7	5.4	6.0
VARIABLE															
CALM		////////////////////////////////////											2.2	////////////////////////////////	
TOTALS		25.7	54.8	16.9	.3								100.0	6.4	6.0

TOTAL NUMBER OF OBSERVATIONS 721

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246 STATION NAME: DUKE FLD/EGLIN AUX FL PERIOD OF RECORD: APR 81 - MAR 91
LST TO UTC: + 6 MONTH: JUN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.9	.6	.2									4.7	3.4	3.0
020-040	3.3	.9										4.2	2.8	2.0
050-070	1.6	.3	.2									2.0	3.6	2.0
(E) 080-100	1.6	.3										1.9	3.8	4.0
110-130	2.2	.5										2.6	2.8	2.0
140-160	4.8	1.6	.5									6.8	3.9	3.0
(S) 170-190	13.2	8.1	1.1									22.4	4.5	4.0
200-220	11.7	11.5	.5									23.6	4.7	5.0
230-250	5.3	2.8	.2									8.2	4.2	4.0
(W) 260-280	2.8	1.7										4.5	4.1	4.0
290-310	2.8	.6										3.4	3.3	3.0
320-340	1.9	.9		.2								3.0	4.2	3.0
VARIABLE														
CALM	////////////////////////////////////											12.6	////////	
TOTALS	55.1	29.8	2.7	.2								100.0	3.7	4.0
TOTAL NUMBER OF OBSERVATIONS 643														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.5	1.2										4.7	2.7	2.0
020-040	3.1											3.1	2.4	2.0
050-070	1.2	.4										1.6	3.3	3.0
(E) 080-100	1.6											1.6	1.8	1.5
110-130	2.0											2.0	2.2	2.0
140-160	6.7											6.7	2.5	2.0
(S) 170-190	16.9	.8	.4									18.0	2.7	2.0
200-220	9.8	1.2										11.0	2.6	2.0
230-250	5.5	.4										5.9	2.7	3.0
(W) 260-280	2.7	1.6										4.3	4.0	3.0
290-310	3.9	.8										4.7	3.4	3.5
320-340	1.6	.8										2.4	3.0	2.0
VARIABLE														
CALM	////////////////////////////////////											34.1	////////	
TOTALS	58.5	7.2	.4									100.0	1.8	2.0
TOTAL NUMBER OF OBSERVATIONS 255														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.5	2.8	.4									6.7	4.7	4.0
020-040	4.0	2.3	.1	.1								6.4	4.2	4.0
050-070	2.6	2.2	.1									4.9	4.4	4.0
(E) 080-100	2.1	2.0	.2									4.3	4.9	5.0
110-130	2.2	1.7	.2									4.1	4.5	4.0
140-160	3.3	3.2	.6									7.1	5.3	5.0
(S) 170-190	6.3	8.9	3.4	.1								18.8	6.3	6.0
200-220	5.5	8.2	2.8	.0								16.6	6.2	6.0
230-250	2.8	3.3	1.1	.0								7.3	5.9	5.0
(W) 260-280	2.6	2.5	.2			.0						5.3	5.0	5.0
290-310	2.7	2.4	.3									5.5	5.0	5.0
320-340	3.1	2.7	.2	.0								6.0	4.7	4.0
VARIABLE														
CALM	////////////////////////////////////											7.0	////////	
TOTALS	40.7	42.2	9.6	.2								100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 3445

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

		WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN
DIRECTION	(DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010		4.0		1.0								5.0	4.6	4.0
020-040		6.0	4.0		1.0							11.0	5.0	4.0
050-070		3.0	9.0	1.0								13.0	5.7	6.0
(E) 080-100		5.0	1.0	1.0								7.0	5.0	4.0
110-130		5.0	1.0	1.0								7.0	3.6	2.0
140-160		2.0	1.0									3.0	5.0	4.0
(S) 170-190		9.0	3.0		1.0							13.0	4.5	3.0
200-220		4.0	3.0	1.0								8.0	4.9	4.5
230-250		2.0	4.0	2.0	1.0							9.0	7.9	8.0
(W) 260-280			5.0									5.0	6.6	7.0
290-310		6.0	2.0									8.0	4.9	4.0
320-340		2.0	3.0									5.0	4.8	6.0
VARIABLE														
CALM		////////////////////										6.0	////////////////	
TOTALS		48.0	36.0	7.0	3.0							100.0	4.9	4.0

TOTAL NUMBER OF OBSERVATIONS 100

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														4.0
020-040														
050-070														
(E) 080-100														
110-130														
140-160														
(S) 170-190	14.3											14.3	1.5	1.5
200-220	7.1											7.1	4.0	4.0
230-250	7.1											7.1	3.0	3.0
(W) 260-280	7.1											7.1	1.0	1.0
290-310	7.1											7.1	3.0	3.0
320-340	14.3											14.3	4.0	4.0
VARIABLE														
CALM	////////////////////////////////////											42.9	////////////////////////////////	
TOTALS	57.0											100.0	1.6	3.0

TOTAL NUMBER OF OBSERVATIONS 14

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7											3.7	2.0	2.0
020-040	7.4											7.4	2.5	2.5
050-070	3.7											3.7	2.0	2.0
(E) 080-100														
110-130														
140-160														
(S) 170-190	3.7											3.7	4.0	4.0
200-220	3.7											3.7	3.0	3.0
230-250														
(W) 260-280	3.7											3.7	2.0	2.0
290-310	7.4											7.4	2.5	2.5
320-340	11.1											11.1	2.0	2.0
VARIABLE														
CALM	////////////////////////////////////											55.6	////////////////////////////////	
TOTALS	44.4											100.0	1.1	2.0

TOTAL NUMBER OF OBSERVATIONS 27

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.6	3.3										10.9	3.6	3.0
020-040	6.3	2.3										8.6	3.4	3.0
050-070	3.3	2.3	.3									6.0	4.5	4.0
(E) 080-100	3.6	3.0	.3									7.0	5.2	4.0
110-130	3.0	.7										3.6	3.1	3.0
140-160	1.0	1.3										2.3	4.6	5.0
(S) 170-190	1.3	1.7										3.0	5.2	5.0
200-220	4.3	1.3										5.6	3.6	3.0
230-250	2.6	.7										3.3	3.6	3.0
(W) 260-280	4.6	4.0	.3									8.9	4.8	4.0
290-310	5.3	6.0										11.3	4.9	5.0
320-340	7.0	6.3	.3									13.6	4.7	4.0
VARIABLE														
CALM	////////////////////////////////////											15.9	////////////////////////////////	
TOTALS	49.9	32.9	1.2									100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 302

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: 09-11

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		4.1	4.1										8.2	4.4	4.5
020-040		5.6	4.2	.4									10.3	4.5	4.0
050-070		3.4	3.1	1.0									7.5	5.2	5.0
(E) 080-100		2.3	3.1	.6									5.9	5.8	6.0
110-130		2.0	2.0	.3									4.2	4.6	5.0
140-160		2.3	2.0	.1									4.4	4.5	4.0
(S) 170-190		3.8	3.2	.7									7.8	5.1	5.0
200-220		2.5	3.2	.8									6.6	5.3	5.0
230-250		4.1	2.8	.4									7.3	4.4	4.0
(W) 260-280		4.7	4.1	1.0									9.7	5.2	5.0
290-310		3.7	5.5	.6									9.7	5.5	6.0
320-340		5.5	7.2										12.7	5.0	5.0
VARIABLE															
CALM		////////////////////////////////////											5.6	////////////////////////////////	
TOTALS		44.0	44.5	5.9									100.0	4.7	5.0

TOTAL NUMBER OF OBSERVATIONS 709

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	4.7	.1									6.6	5.9	6.0
020-040	2.8	4.4	.1									7.3	5.5	5.0
050-070	2.1	3.3	1.7									7.0	6.5	7.0
(E) 080-100	1.1	1.5	.6									3.2	5.8	6.0
110-130	1.9	2.5	.6									5.0	5.4	5.0
140-160	1.7	4.4	1.0									7.0	6.3	6.0
(S) 170-190	3.6	10.1	3.5									17.1	7.1	7.5
200-220	3.9	7.5	1.9									13.3	6.4	6.5
230-250	2.3	3.2	1.2									6.8	6.5	7.0
(W) 260-280	2.5	3.2	.6									6.2	5.6	5.0
290-310	2.8	2.9	1.1									6.8	5.8	5.0
320-340	3.9	5.4	.8									10.1	5.5	5.0
VARIABLE														
CALM	////////////////////											3.6	////////	
TOTALS	30.4	53.1	13.2									100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 724

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	4.7	.1	.1								6.2	6.2	6.0
020-040	2.4	2.2										4.6	4.3	4.0
050-070	1.9	2.9	.6									5.3	5.7	6.0
(E) 080-100	1.4	1.2	.6									3.2	5.4	5.0
110-130	1.2	1.4	.4									3.0	5.7	5.0
140-160	2.9	4.5	.3									7.6	5.4	6.0
(S) 170-190	5.3	14.2	3.2									22.7	6.6	7.0
200-220	4.0	12.9	5.3									22.3	7.2	7.0
230-250	1.9	4.6	2.0									8.5	6.9	7.0
(W) 260-280	1.7	3.2	.1									5.0	5.5	5.0
290-310	1.4	2.3	1.0									4.7	6.7	6.0
320-340	1.3	2.0	.3	.1	.1							3.9	6.7	6.0
VARIABLE														
CALM	////////////////////////////////////											2.9	////////////////////////////////	
TOTALS	26.6	56.1	13.9	.2	.1							100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 695

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	1.6										5.0	3.6	3.0
020-040	4.7	.2										4.8	2.5	2.0
050-070	2.7	1.0										3.7	3.6	3.0
(E) 080-100	1.9	.5										2.4	2.9	2.0
110-130	2.3											2.3	2.7	2.5
140-160	5.2	.6										5.8	2.9	3.0
(S) 170-190	10.7	5.0										15.7	3.7	4.0
200-220	12.0	9.7	.2									21.8	4.6	4.0
230-250	5.8	4.2	.3									10.3	4.4	4.0
(W) 260-280	2.3	1.1	.2									3.6	4.1	3.5
290-310	2.1	1.3	.2									3.6	4.3	4.0
320-340	2.4	1.3										3.7	3.8	4.0
VARIABLE														
CALM	////////////////////////////////////											17.3	////////	
TOTALS	55.5	26.5	.9									100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 619

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.8	.4										7.2	2.4	2.0
020-040	5.1	.4										5.5	2.8	3.0
050-070	2.6	.4										3.0	2.4	2.0
(E) 080-100	1.3											1.3	1.3	1.0
110-130	3.0											3.0	3.0	3.0
140-160	2.6											2.6	1.8	1.5
(S) 170-190	14.5											14.5	2.6	2.5
200-220	7.7	.4										8.1	2.8	3.0
230-250	8.1	1.7										9.8	3.3	3.0
(W) 260-280	3.4	1.3										4.7	3.6	3.0
290-310	1.3	.4										1.7	2.5	1.5
320-340	3.0											3.0	2.3	3.0
VARIABLE														
CALM	////////////////////////////////////											35.7	////////////////////////////////	
TOTALS	59.4	5.0										100.0	1.8	2.0

TOTAL NUMBER OF OBSERVATIONS 235

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	3.5	.1	.0								6.9	4.7	5.0
020-040	4.2	2.6	.1									6.9	4.2	4.0
050-070	2.6	2.4	.7									5.7	5.3	5.0
(E) 080-100	1.8	1.6	.4									3.8	5.2	5.0
110-130	2.0	1.3	.3									3.6	4.6	4.0
140-160	2.7	2.6	.3									5.5	4.9	5.0
(S) 170-190	5.9	6.9	1.6									14.4	5.6	5.0
200-220	5.4	7.0	1.7									14.2	5.8	5.0
230-250	3.7	3.2	.8									7.8	5.2	5.0
(W) 260-280	3.0	2.9	.4									6.3	5.1	5.0
290-310	2.7	3.1	.6									6.4	5.4	5.0
320-340	3.7	3.9	.3	.0	.0							8.0	5.1	5.0
VARIABLE														
CALM	////////////////////////////////////											10.4	////////	
TOTALS	41.0	41.0	7.3									100.0	4.7	5.0

TOTAL NUMBER OF OBSERVATIONS 3325

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.7											8.7	3.0	3.0
020-040	8.7	4.3										13.0	3.8	3.0
050-070	2.9											2.9	3.5	3.5
(E) 080-100	4.3	1.4										5.8	3.8	4.0
110-130	4.3	2.9										7.2	3.8	2.0
140-160	4.3	4.3	1.4									10.1	5.6	5.0
(S) 170-190	4.3	5.8	4.3									14.5	7.2	8.0
200-220	1.4	4.3	1.4									7.2	7.4	8.0
230-250	2.9	2.9	1.4									7.2	5.6	5.0
(W) 260-280	1.4	1.4										2.9	4.5	4.5
290-310	2.9											2.9	2.0	2.0
320-340	4.3	1.4	1.4									7.2	4.2	2.0
VARIABLE														
CALM	////////////////////											10.1	////////////////	
TOTALS	50.4	28.7	9.9									100.0	4.4	4.0

TOTAL NUMBER OF OBSERVATIONS 69

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010														4.0
020-040														
050-070														
(E) 080-100	10.0											10.0	3.0	3.0
110-130	10.0											10.0	3.0	3.0
140-160														
(S) 170-190														
200-220														
230-250	10.0											10.0	2.0	2.0
(W) 260-280														
290-310														
320-340														
VARIABLE														
CALM	////////////////////////////////////											70.0	////////////////////////////////	
TOTALS	30.0											100.0	.8	3.0
TOTAL NUMBER OF OBSERVATIONS 10														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	14.3											14.3	1.0	1.0
020-040														
050-070														
(E) 080-100	14.3											14.3	2.0	2.0
110-130	14.3											14.3	4.0	4.0
140-160														
(S) 170-190														
200-220														
230-250														
(W) 260-280														
290-310														
320-340														
VARIABLE														
CALM	////////////////////////////////////											57.1	////////////////////////////////	
TOTALS	42.9											100.0	1.0	2.0
TOTAL NUMBER OF OBSERVATIONS 7														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG HOURS: 06-08

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	10.5	4.6										15.2	3.7	3.0
020-040	7.1	1.2										8.4	2.9	2.0
050-070	8.0	4.0	.3									12.4	3.9	4.0
(E) 080-100	5.3	6.8										12.1	4.8	5.0
110-130	3.4	2.5										5.9	4.1	4.0
140-160	2.8	.6										3.4	3.2	3.0
(S) 170-190	.3	2.2										2.5	5.8	6.0
200-220	.3	1.5										1.9	5.7	5.0
230-250	.6	.3										.9	4.3	4.0
(W) 260-280	2.8	1.5										4.3	3.9	4.0
290-310	4.6	3.4										8.0	4.2	4.0
320-340	4.3	5.0	.3									9.6	4.8	5.0
VARIABLE														
CALM	////////////////////////////////////											15.5	////////////////////////////////	
TOTALS	50.0	33.6	.6									100.0	3.5	4.0

TOTAL NUMBER OF OBSERVATIONS 323

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.5	5.5	.7									13.7	4.6	4.0
020-040	5.0	3.0										8.0	3.8	4.0
050-070	5.3	4.9	.1									10.3	4.6	4.0
(E) 080-100	3.3	4.5	.4									8.2	5.4	5.0
110-130	3.6	5.1	.3									8.9	5.0	5.0
140-160	2.5	4.1	.1									6.7	5.2	5.0
(S) 170-190	3.2	2.9	.9									7.0	5.6	5.0
200-220	3.2	1.2	.3									4.6	4.0	4.0
230-250	2.5	.7										3.2	3.5	3.5
(W) 260-280	3.2	2.4										5.5	4.6	4.0
290-310	4.3	2.1	.1									6.6	4.1	4.0
320-340	6.7	4.9	.4									12.0	4.7	4.0
VARIABLE														
CALM	////////////////////											5.4	////////	
TOTALS	50.3	41.3	3.3									100.0	4.4	4.0

TOTAL NUMBER OF OBSERVATIONS 760

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	3.6	.3									7.6	4.8	5.0
020-040	6.0	3.6	.5									10.2	4.4	4.0
050-070	3.9	3.9	.1									7.9	4.9	5.0
(E) 080-100	1.9	3.0	.5									5.4	5.7	5.0
110-130	2.9	2.6	.8									6.3	5.2	5.0
140-160	3.4	4.9	1.6									9.9	6.3	6.0
(S) 170-190	2.9	8.0	2.9	.1								13.9	7.2	8.0
200-220	2.3	4.4	.8									7.4	6.1	6.0
230-250	2.3	2.9	.4	.1								5.6	5.7	5.0
(W) 260-280	2.5	1.9	.4									4.8	4.8	4.0
290-310	3.5	3.6	.4									7.5	5.0	5.0
320-340	4.8	6.4	.6									11.8	5.6	5.0
VARIABLE														
CALM	////////////////////////////////////											1.8	////////	
TOTALS	40.2	48.8	9.3	.2								100.0	5.5	5.0

TOTAL NUMBER OF OBSERVATIONS 798

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	3.6	.3									6.1	5.3	5.5
020-040	3.8	1.3		.1								5.3	4.0	4.0
050-070	2.8	1.9										4.6	4.4	4.0
(E) 080-100	1.9	2.4										4.2	4.8	5.0
110-130	1.9	2.7	.1									4.6	5.1	5.0
140-160	2.9	5.6	1.3									9.8	6.2	6.0
(S) 170-190	6.1	11.9	2.1									20.2	6.1	6.0
200-220	3.8	12.5	1.3									17.6	6.3	6.0
230-250	2.3	5.2	.5		.1	.1						8.2	6.7	7.0
(W) 260-280	2.5	2.3	.3									5.0	4.9	4.5
290-310	2.0	1.9	.1									4.0	5.1	4.5
320-340	3.1	2.7	.3									6.0	5.0	4.0
VARIABLE														
CALM	////////////////////////////////////											4.2	////////////////////////////////	
TOTALS	35.4	54.0	6.3	.1	.1	.1						100.0	5.4	5.5
TOTAL NUMBER OF OBSERVATIONS 754														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.5	.5										4.0	3.0	3.0
020-040	3.4	.3										3.7	2.6	2.0
050-070	4.0	1.1										5.1	3.1	2.0
(E) 080-100	2.5	.3										2.8	3.1	2.5
110-130	4.1	.9										5.1	3.5	3.0
140-160	5.7	1.1										6.7	2.9	2.0
(S) 170-190	9.8	3.7	.2									13.6	3.5	3.0
200-220	10.3	5.4	.2									15.8	4.2	4.0
230-250	5.8	4.0	.2									10.0	4.2	4.0
(W) 260-280	5.1	.8	.2									6.0	3.4	3.0
290-310	2.3	.5										2.8	3.3	3.0
320-340	3.7	.6										4.3	3.2	3.0
VARIABLE														
CALM	////////////////////////////////////											20.4	////////////////////////////////	
TOTALS	60.2	19.2	.8									100.0	2.8	3.0

TOTAL NUMBER OF OBSERVATIONS 653

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	.4										3.1	2.9	2.0
020-040	2.2	.9										3.1	3.0	2.0
050-070	6.2	1.8										8.0	3.2	3.0
(E) 080-100	4.9	.4										5.3	2.7	2.0
110-130	4.9											4.9	2.5	2.0
140-160	3.5											3.5	2.3	2.0
(S) 170-190	12.4	.4	.4									13.3	2.5	2.0
200-220	5.8											5.8	2.2	2.0
230-250	7.5	1.3										8.8	2.8	2.0
(W) 260-280	3.1	1.8										4.9	3.5	2.0
290-310	2.2											2.2	2.6	3.0
320-340	2.7											2.7	2.7	2.5
VARIABLE														
CALM	////////////////////////////////////											34.5	////////////////////////////////	
TOTALS	58.1	7.0	.4									100.0	1.8	2.0
TOTAL NUMBER OF OBSERVATIONS 226														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG HOURS: ALL

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		4.8	3.3	.3									8.3	4.4	4.0
020-040		4.7	2.0	.1	.0								6.8	3.8	4.0
050-070		4.5	3.0	.1									7.6	4.3	4.0
(E) 080-100		2.8	2.9	.2									5.9	4.8	5.0
110-130		3.3	2.7	.3									6.2	4.6	4.0
140-160		3.5	3.4	.7									7.6	5.2	5.0
(S) 170-190		5.3	5.9	1.4	.0								12.5	5.5	5.0
200-220		4.3	5.0	.5									9.9	5.3	5.0
230-250		3.2	2.7	.2	.0	.0	.0						6.2	5.0	4.0
(W) 260-280		3.2	1.8	.2									5.2	4.3	4.0
290-310		3.1	2.1	.1									5.4	4.4	4.0
320-340		4.4	3.6	.3									8.4	4.8	4.0
VARIABLE															
CALM		////////////////////////////////////										10.2	////////////////////////////////		
TOTALS		47.1	38.4	4.4									100.0	4.3	4.0

TOTAL NUMBER OF OBSERVATIONS 3531

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.1	4.1	.6									8.9	4.5	5.0
020-040	10.7	7.1		.6								18.3	4.8	4.0
050-070	10.1	6.5										16.6	4.1	4.0
(E) 080-100	6.5	3.6	1.2									11.2	4.9	4.0
110-130	7.1	3.0										10.1	3.9	3.0
140-160	3.0	3.0	.6									6.5	4.7	5.0
(S) 170-190	1.8	2.4	1.8									5.9	6.9	5.5
200-220	1.2	1.8	.6									3.6	6.3	5.5
230-250	1.2	.6										1.8	3.0	2.0
(W) 260-280	.6	.6										1.2	3.5	3.5
290-310	1.2		.6									1.8	5.3	2.0
320-340	4.1	1.2										5.3	3.0	2.0
VARIABLE														
CALM	////////////////////											8.9	////////	
TOTALS	51.6	33.9	5.4	.6								100.0	4.2	4.0

TOTAL NUMBER OF OBSERVATIONS 169

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	16.7											16.7	1.0	1.0
020-040	16.7											16.7	2.0	2.0
050-070	33.3											33.3	4.0	4.0
(E) 080-100														
110-130														
140-160														
(S) 170-190														
200-220														
230-250														
(W) 260-280														
290-310														
320-340														
VARIABLE														
CALM	////////////////////////////////////											33.3	////////////////////////////////	
TOTALS	66.7											100.0	1.8	3.0

TOTAL NUMBER OF OBSERVATIONS 6

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.3											6.3	2.0	2.0
020-040	6.3											6.3	1.0	1.0
050-070														
(E) 080-100														
110-130														
140-160														
(S) 170-190	6.3											6.3	1.0	1.0
200-220														
230-250														
(W) 260-280														
290-310														
320-340	12.5											12.5	2.0	2.0
VARIABLE														
CALM	////////////////////////////////////											68.8	////////////////////////////////	
TOTALS	31.4											100.0	.5	1.0

TOTAL NUMBER OF OBSERVATIONS 16

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.3	3.6	1.1									14.0	4.3	4.0
020-040	12.9	4.7	.7									18.3	3.7	3.0
050-070	12.2	5.0	1.4									18.6	4.5	4.0
(E) 080-100	3.9	7.9	.7									12.5	5.7	6.0
110-130	3.6	3.2										6.8	4.5	4.0
140-160	1.4	1.1										2.5	4.3	4.0
(S) 170-190	.4	.4										.7	3.5	3.5
200-220	.7	.4										1.1	3.3	2.0
230-250	.7											.7	2.0	2.0
(W) 260-280	1.4	.7										2.2	3.8	3.5
290-310	1.1	1.1										2.2	4.7	4.5
320-340	3.6	1.4	.4									5.4	3.9	4.0
VARIABLE														
CALM	////////////////////////////////////											15.1	////////	
TOTALS	51.2	29.5	4.3									100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 279

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	6.0	6.2	1.4									13.7	5.3	5.0
020-040	5.8	7.3	1.0									14.1	5.2	5.0
050-070	5.0	10.4	1.6									17.0	5.8	6.0
(E) 080-100	3.9	7.8	1.3									12.9	6.1	6.0
110-130	2.7	4.7	.3									7.8	5.5	5.0
140-160	2.6	4.0	.3									6.9	5.3	6.0
(S) 170-190	2.2	1.7	.6									4.5	5.1	5.0
200-220	2.0	1.0	.1									3.2	4.4	4.0
230-250	1.3	.3										1.6	3.6	4.0
(W) 260-280	1.4	.4										1.9	3.7	3.0
290-310	2.3	1.4										3.7	4.1	3.0
320-340	4.5	1.9	.9									7.2	4.5	3.0
VARIABLE														
CALM	////////////////////////////////////											5.6	////////////////////////////////	
TOTALS	39.7	47.1	7.5									100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 695

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: 12-14

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		3.6	6.8	2.4									12.8	6.5	6.0
020-040		4.8	6.0	1.4									12.2	5.6	5.0
050-070		5.3	9.7	.9	.1								15.9	5.9	6.0
(E) 080-100		3.0	3.6	.6									7.1	5.3	5.0
110-130		1.6	3.6	.1									5.3	5.7	6.0
140-160		2.4	3.6	1.1									7.1	6.0	5.5
(S) 170-190		2.4	5.0	1.8									9.2	6.8	7.0
200-220		2.0	4.8	.7									7.5	6.2	6.0
230-250		1.4	.9	.3									2.6	5.1	4.0
(W) 260-280		1.4	1.4	.1									3.0	5.2	5.0
290-310		2.6	2.6										5.1	4.6	4.5
320-340		3.1	4.6	.9									8.5	5.6	5.0
VARIABLE															
CALM		////////////////////////////////////										3.6	////////////////////////////////		
TOTALS		33.6	52.6	10.3	.1								100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 703

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	6.3	1.3									11.4	6.1	6.0
020-040	6.0	6.1	.6									12.7	5.1	5.0
050-070	4.8	7.3	.4									12.6	5.4	5.0
(E) 080-100	2.8	2.4	.1									5.4	4.7	4.0
110-130	1.5	2.2										3.7	4.9	5.0
140-160	3.1	3.9	.4									7.5	5.0	5.0
(S) 170-190	5.7	10.2	.9									16.7	5.6	5.5
200-220	3.3	5.4	.6									9.3	5.4	5.5
230-250	1.6	1.2	.1									3.0	5.5	4.0
(W) 260-280	.9	.9	.1									1.9	4.9	5.0
290-310	3.3	1.6	.1									5.1	4.0	3.0
320-340	1.9	4.0	1.0									7.0	6.3	6.0
VARIABLE														
CALM	////////////////////////////////////											3.7	////////////////////////////////	
TOTALS	38.6	51.5	5.6									100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 669

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND		
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65	
(N) 350-010	5.6	.7	.4									6.7	3.6	3.0	
020-040	7.4	.4	.4									8.2	2.7	2.0	
050-070	6.7	2.6	.2									9.5	3.8	3.0	
(E) 080-100	4.1	.9										5.0	3.3	2.0	
110-130	2.8	.4	.2									3.3	3.1	2.0	
140-160	3.7	.6										4.3	2.5	2.0	
(S) 170-190	6.3	.7										7.1	2.8	2.0	
200-220	5.8	1.7										7.4	3.3	3.0	
230-250	5.0	.4										5.4	2.6	2.0	
(W) 260-280	1.9	.4										2.2	2.8	2.0	
290-310	1.3	1.1										2.4	4.8	4.0	
320-340	3.7	2.0	.2									5.9	4.2	4.0	
VARIABLE															
CALM	////////////////////////////////////												32.5	////////	
TOTALS	54.3	11.9	1.4									100.0	2.2	2.0	

TOTAL NUMBER OF OBSERVATIONS 538

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.5											3.5	2.4	2.0
020-040	5.4											5.4	2.2	2.0
050-070	4.0	2.5										6.4	3.9	3.0
(E) 080-100	3.5											3.5	2.4	2.0
110-130	2.0	.5										2.5	3.6	4.0
140-160	1.5											1.5	2.3	2.0
(S) 170-190	4.0											4.0	1.9	2.0
200-220														
230-250	2.5											2.5	1.8	2.0
(W) 260-280	3.5	.5										4.0	2.6	2.0
290-310	1.0	1.0										2.0	3.3	3.0
320-340	5.0	2.5										7.4	4.1	4.0
VARIABLE														
CALM	////////////////////////////////////											57.4	////////	
TOTALS	35.9	7.0										100.0	1.3	2.0

TOTAL NUMBER OF OBSERVATIONS 202

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: ALL

WIND SPEED IN KNOTS												
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL
(DEGREES)												%
												WIND
												WIND
(N) 350-010	5.1	4.7	1.3									11.1
020-040	6.5	4.8	.8									12.1
050-070	5.9	7.1	.8	.0								13.9
(E) 080-100	3.4	3.9	.5									7.9
110-130	2.2	2.7	.1									5.1
140-160	2.7	2.7	.4									5.8
(S) 170-190	3.7	3.9	.7									8.3
200-220	2.7	2.8	.3									5.8
230-250	2.1	.6	.1									2.7
(W) 260-280	1.5	.8	.1									2.3
290-310	2.2	1.6	.0									3.8
320-340	3.5	3.0	.7									7.1
VARIABLE												
CALM	////////////////////////////////////											14.0
TOTALS	41.5	38.6	5.8									100.0

TOTAL NUMBER OF OBSERVATIONS 3108

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

		WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
DIRECTION	(DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		3.1	6.3	1.3									10.6	6.2	7.0
020-040		6.3	9.4	2.5									18.1	6.0	6.0
050-070		8.1	13.8	1.9									23.8	6.1	6.5
(E) 080-100		3.1	10.6	.6									14.4	6.4	6.0
110-130		1.9	5.0	.6									7.5	5.3	5.0
140-160		.6	5.0	.6									6.3	6.1	5.5
(S) 170-190		1.3	1.3										2.5	4.3	4.0
200-220		.6	1.3	.6									2.5	7.3	8.0
230-250		.6		.6									1.3	9.0	9.0
(W) 260-280		.6	1.9	.6									3.1	6.4	7.0
290-310		.6	2.5										3.1	6.6	7.0
320-340		.6	1.3	1.9									3.8	9.2	10.0
VARIABLE															
CALM		////////////////////											3.1	////////////////	
TOTALS		27.4	58.4	11.2									100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 160

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	11.3											11.3	3.0	3.0
020-040	12.9											12.9	2.0	2.0
050-070	14.5											14.5	2.7	3.0
(E) 080-100	6.5	14.5										21.0	5.3	5.0
110-130		8.1										8.1	7.4	8.0
140-160	1.6	1.6										3.2	4.5	4.5
(S) 170-190	1.6											1.6	2.0	2.0
200-220	1.6											1.6	4.0	4.0
230-250														
(W) 260-280		1.6										1.6	7.0	7.0
290-310														
320-340		4.8										4.8	6.0	6.0
VARIABLE														
CALM	////////////////////											19.4	////////	
TOTALS	50.0	30.6										100.0	3.3	4.0

TOTAL NUMBER OF OBSERVATIONS 62

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.2											9.2	2.8	2.5
020-040	21.5											21.5	2.1	2.0
050-070	13.8	4.6										18.5	3.5	3.0
(E) 080-100	4.6	1.5										6.2	3.8	4.0
110-130	1.5	7.7										9.2	5.5	5.5
140-160		1.5										1.5	9.0	9.0
(S) 170-190														
200-220	1.5											1.5	3.0	3.0
230-250	1.5											1.5	4.0	4.0
(W) 260-280														
290-310		4.6										4.6	5.0	5.0
320-340	3.1	3.1										6.2	5.0	5.0
VARIA' LE														
CALM	////////////////////////////////////											20.0	////////	
TOTALS	56.7	23.0										100.0	2.9	3.0
TOTAL NUMBER OF OBSERVATIONS 65														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.0	5.6	2.5									15.1	5.5	5.0
020-040	13.3	7.4	.4									21.1	3.7	4.0
050-070	8.8	6.7										15.4	4.4	4.0
(E) 080-100	5.6	10.5	.7									16.8	5.6	6.0
110-130	3.2	2.8	.7									6.7	5.2	5.0
140-160	.4	1.4										1.8	6.4	7.0
(S) 170-190	1.8											1.8	2.8	3.0
200-220	.4	.4										.7	5.5	5.5
230-250		.4										.4	7.0	7.0
(W) 260-280		.4										.4	6.0	6.0
290-310	1.1	1.4										2.5	5.1	5.0
320-340	1.8	3.5	1.1									6.3	6.6	6.5
VARIABLE														
CALM	////////////////////////////////////											11.2	////////	
TOTALS	43.4	40.5	5.4									100.0	4.4	5.0

TOTAL NUMBER OF OBSERVATIONS 285

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.0	7.2	2.7	.1								15.0	6.6	6.0
020-040	5.4	7.4	1.2									14.0	5.4	6.0
050-070	4.8	8.5	1.0									14.4	5.7	5.0
(E) 080-100	5.5	9.7	1.6									16.7	6.0	6.0
110-130	3.8	4.8	.9									9.5	5.7	6.0
140-160	1.4	3.1	2.1									6.7	7.1	6.0
(S) 170-190	.8	2.0	.7									3.4	6.6	6.0
200-220	.5	.4										.9	4.7	4.0
230-250	.5	.9	.3									1.7	5.8	6.0
(W) 260-280	.7	.9	.1									1.7	5.4	6.0
290-310	1.4	.8	.4									2.6	5.1	4.0
320-340	1.7	3.7	2.0									7.3	7.4	8.0
VARIABLE														
CALM	////////////////////////////////////											6.1	////////////////////////////////	
TOTALS	31.5	49.4	13.0	.1								100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 766

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.4	9.7	4.7	.1								19.0	7.1	7.0
020-040	5.9	6.0	.6									12.5	5.2	5.0
050-070	4.1	7.1	.2									11.5	5.3	5.5
(E) 080-100	3.0	4.0	.5	.4								7.9	5.6	5.0
110-130	1.2	2.9	.6	.1								4.9	6.7	6.0
140-160	1.7	3.0	2.0									6.7	7.0	7.0
(S) 170-190	3.2	6.9	2.7	.1								13.0	7.0	7.0
200-220	1.5	1.9	.4	.1								3.9	6.3	6.0
230-250	.4	.4	.4									1.1	6.1	5.0
(W) 260-280	1.4	1.6	.2									3.2	5.2	5.0
290-310	.9	1.5	.7									3.1	6.6	7.0
320-340	2.7	4.2	2.7	.4								10.1	7.2	7.0
VARIABLE														
CALM	////////////////////											3.2	////////	
TOTALS	30.4	49.2	15.7	1.2								100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 802

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.5	9.7	4.1	.4								19.7	6.8	7.0
020-040	6.5	4.6	.1									11.2	4.3	4.0
050-070	7.7	6.8	.1									14.7	4.7	4.0
(E) 080-100	2.5	2.5	.5									5.4	5.7	6.0
110-130	.8	.8	.5									2.1	6.1	5.0
140-160	2.5	3.2	.1									5.8	5.2	5.0
(S) 170-190	5.9	9.7	.6	.1								16.4	5.5	6.0
200-220	2.3	3.1	.4									5.8	5.8	6.0
230-250	.1	.8	.1									1.0	6.9	7.5
(W) 260-280	.6	.3	.1									1.0	5.0	3.5
290-310	.9	.5	.3									1.7	5.0	4.0
320-340	3.1	5.5	1.8									10.5	6.4	6.0
VARIABLE														
CALM	////////////////////////////////////											4.6	////////////////////////////////	
TOTALS	38.4	47.5	8.7	.5								100.0	5.3	5.0

TOTAL NUMBER OF OBSERVATIONS 775

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 5

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	12.2	4.1	.6									16.8	3.7	3.0
020-040	6.5	.6	.1									7.2	2.3	2.0
050-070	3.5	1.7	.1									5.4	3.7	2.0
(E) 080-100	2.5	.6	.4									3.5	4.9	4.0
110-130	1.3	1.3	.1									2.7	4.6	5.0
140-160	4.9	1.2										6.1	3.4	3.5
(S) 170-190	5.2	.6										5.8	2.6	2.0
200-220	1.7	.3										2.0	3.3	3.0
230-250	1.3	.6										1.9	4.2	4.0
(W) 260-280	.4	.1	.1									.7	4.4	4.0
290-310	1.4	.1										1.6	3.1	3.0
320-340	2.9	2.5	.3									5.6	4.8	4.0
VARIABLE														
CALM	////////////////////////////////////											40.7	////////////////////////////////	
TOTALS	43.8	13.7	1.7									100.0	2.1	3.0

TOTAL NUMBER OF OBSERVATIONS 691

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.8	3.4										13.2	3.5	2.0
020-040	7.1	.3										7.4	2.2	2.0
050-070	4.3	2.5										6.8	3.7	3.5
(E) 080-100	3.7	1.8	.6									6.2	4.6	4.0
110-130	.6	1.8	.3									2.8	6.0	6.0
140-160	2.5	.3										2.8	3.3	3.0
(S) 170-190	2.2	.9										3.1	3.6	4.0
200-220	.3											.3	3.0	3.0
230-250	.3											.3	1.0	1.0
(W) 260-280	.6	.9										1.5	4.0	5.0
290-310	.9	.9										1.8	4.7	4.5
320-340	2.8	2.5	.3									5.5	4.3	4.0
VARIABLE														
CALM	////////////////////////////////////											48.3	////////////////////////////////	
TOTALS	35.1	15.3	1.2									100.0	1.9	3.0

TOTAL NUMBER OF OBSERVATIONS 325

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: DEC 81 - MAR 91
MONTH: OCT HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.0	7.0	2.7	.1								16.8	5.9	5.0
020-040	7.1	4.4	.5									11.9	4.2	4.0
050-070	5.6	5.8	.3									11.7	4.8	5.0
(E) 080-100	3.6	4.6	.7	.1								9.1	5.6	6.0
110-130	1.8	2.6	.5	.0								4.9	5.8	6.0
140-160	2.3	2.3	.9									5.5	5.7	5.0
(S) 170-190	3.4	4.0	.8	.1								8.3	5.6	6.0
200-220	1.3	1.2	.2	.0								2.7	5.4	5.5
230-250	.5	.6	.2									1.2	5.5	6.0
(W) 260-280	.7	.7	.1									1.6	5.1	5.0
290-310	1.1	.9	.3									2.3	5.2	5.0
320-340	2.5	3.8	1.5	.1								8.0	6.4	6.0
VARIABLE														
CALM	////////////////////////////////////											16.0	////////	
TOTALS	36.9	37.9	8.7	.4								100.0	4.6	5.0

TOTAL NUMBER OF OBSERVATIONS 3771

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.6	7.9	4.3									15.8	7.4	6.5
020-040	6.1	4.0	.4									10.4	4.0	4.0
050-070	7.6	8.3	.4									16.2	5.0	5.0
(E) 080-100	5.8	10.4	2.5	.4								19.1	6.9	6.0
110-130	2.9	4.7	.7									8.3	5.3	5.0
140-160	.4	1.8	1.8									4.0	9.0	9.0
(S) 170-190	2.2	1.4	1.1	.7								5.4	7.5	6.0
200-220	.7	.4	.4	.4								1.8	8.2	6.0
230-250		.4										.4	6.0	6.0
(W) 260-280	.4		.4									.7	6.0	6.0
290-310	.7	1.1	.4									2.2	6.2	6.5
320-340	2.9	4.3	3.2									10.4	7.3	7.0
VARIABLE														
CALM	////////////////////											5.4	////////	
TOTALS	33.3	44.7	15.6	1.5								100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 278

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	12.2	2.4										14.6	2.7	2.5
020-040	9.8											9.8	2.5	2.5
050-070	7.3	4.9										12.2	4.4	4.0
(E) 080-100	4.9	7.3	2.4									14.6	6.3	6.5
110-130		12.2										12.2	7.0	7.0
140-160														
(S) 170-190	2.4											2.4	2.0	2.0
200-220														
230-250														
(W) 260-280		2.4										2.4	6.0	6.0
290-310														
320-340	2.4											2.4	4.0	4.0
VARIABLE														
CALM	////////////////////////////////////											29.3	////////////////////////////////	
TOTALS	39.0	29.2	2.4									100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 41

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.1											9.1	2.0	2.0
020-040	18.2											18.2	1.5	1.5
050-070	13.6	4.5										18.2	3.3	3.5
(E) 080-100		18.2	9.1									27.3	7.7	7.5
110-130		9.1										9.1	5.5	5.5
140-160	4.5	4.5										9.1	4.5	4.5
(S) 170-190														
200-220														
230-250														
(W) 260-280														
290-310														
320-340														
VARIABLE														
CALM	////////////////////////////////////											9.1	////////////////////////////////	
TOTALS	45.4	36.3	9.1									100.0	4.0	4.5
TOTAL NUMBER OF OBSERVATIONS 22														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.3	5.1	3.8									15.2	6.3	5.5
020-040	12.7	2.5										15.2	3.6	3.5
050-070	5.1	2.5										7.6	3.3	3.0
(E) 080-100	8.9	15.2	1.3									25.3	5.6	5.5
110-130	1.3	2.5										3.8	5.0	5.0
140-160	3.8	2.5										6.3	4.8	4.0
(S) 170-190	2.5	1.3										3.8	4.3	4.0
200-220	2.5											2.5	3.0	3.0
230-250														
(W) 260-280														
290-310		1.3										1.3	7.0	7.0
320-340	2.5	2.5	1.3	1.3								7.6	8.7	9.0
VARIABLE														
CALM	////////////////////////////////////											11.4	////////	
TOTALS	45.6	35.4	6.4	1.3								100.0	4.7	4.0

TOTAL NUMBER OF OBSERVATIONS 79

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	5.2	4.3	.5								11.4	8.4	8.0
020-040	3.6	6.8	1.5									12.0	5.9	6.0
050-070	4.1	4.7	.8									9.6	5.5	5.0
(E) 080-100	2.3	5.8	.2									8.2	5.6	6.0
110-130	2.1	9.4	1.4	.5								13.4	7.1	7.0
140-160	2.7	7.1	1.7									11.6	6.8	7.0
(S) 170-190	1.8	4.0	2.6	.5	.2							9.0	8.1	8.0
200-220	1.1	1.2	.6	.2								3.0	7.4	6.5
230-250	.9	1.7	.9									3.5	6.6	7.0
(W) 260-280	1.1	1.8	.6									3.5	6.7	7.0
290-310	.5	1.4	1.1									2.9	8.0	7.0
320-340	1.4	4.6	2.4	.5								8.8	8.0	8.0
VARIABLE														
CALM	////////////////////											3.2	////////	
TOTALS	23.1	53.7	18.1	2.2	.2							100.0	6.7	7.0

TOTAL NUMBER OF OBSERVATIONS 658

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	7.0	3.3	.4								12.6	7.8	8.0
020-040	3.0	4.3	.9									8.1	5.7	6.0
050-070	2.3	5.3	.3									7.9	5.5	6.0
(E) 080-100	1.4	2.0	.3									3.7	5.4	5.0
110-130	1.9	4.9	.4	.1								7.3	6.3	6.0
140-160	2.6	5.9	2.9	.9	.1							12.3	7.8	8.0
(S) 170-190	1.7	8.1	3.1	.3								13.3	7.5	7.0
200-220	2.1	4.7	2.3	.1								9.3	7.1	7.0
230-250	.4	2.1	1.0									3.6	7.3	7.0
(W) 260-280	1.1	2.6	1.0	.1								4.9	7.2	7.5
290-310	2.9	2.0	1.4									6.3	6.5	5.5
320-340	1.7	4.7	3.0	.1								9.6	7.7	8.0
VARIABLE														
CALM	////////////////////											1.3	////////	
TOTALS	23.0	53.6	19.9	2.0	.1							100.0	6.9	7.0

TOTAL NUMBER OF OBSERVATIONS 700

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: 15-17

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		3.5	5.5	2.7	.3								12.0	6.8	7.0
020-040		4.8	4.6	.1									9.6	4.8	4.5
050-070		4.8	1.3										6.1	3.5	4.0
(E) 080-100		1.3	1.4										2.7	4.9	5.0
110-130		2.5	1.0	.3									3.8	4.3	4.0
140-160		2.5	7.7	2.0	.1								12.3	7.2	7.0
(S) 170-190		8.8	10.4	1.4									20.7	5.5	5.0
200-220		2.0	3.5	1.3									6.8	6.6	6.0
230-250		1.2	.7	.4	.3								2.6	6.9	5.5
(W) 260-280		1.0	1.3	.3									2.6	6.0	5.5
290-310		1.7	2.2	.3									4.2	5.1	5.0
320-340		4.1	5.5	2.0									11.6	6.4	6.0
VARIABLE															
CALM		////////////////////////////////////										5.1	////////////////////////////////		
TOTALS		38.2	45.1	10.8	.7								100.0	5.5	5.0

TOTAL NUMBER OF OBSERVATIONS 691

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.6	4.7	1.4									13.7	5.0	4.0
020-040	3.5	.9	.3									4.7	4.0	3.0
050-070	3.3	.6										3.9	3.0	2.0
(E) 080-100	2.2	.5										2.7	3.3	2.0
110-130	2.5	1.6	.3									4.4	4.8	4.0
140-160	6.0	3.9	.6									10.6	4.4	4.0
(S) 170-190	7.2	2.0	.3									9.6	3.5	3.0
200-220	1.3	1.1	.3									2.7	5.5	5.0
230-250	2.5	.6	.2									3.3	4.0	4.0
(W) 260-280	.5	.3										.8	3.0	2.0
290-310	1.9	.6	.5									3.0	4.7	4.0
320-340	3.1	3.8	.5									7.4	5.5	5.0
VARIABLE														
CALM	////////////////////////////////////											33.2	////////////////////////////////	
TOTALS	41.6	20.6	4.4									100.0	2.9	4.0

TOTAL NUMBER OF OBSERVATIONS 635

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.8	8.2	1.3	.3								16.6	5.6	5.0
020-040	5.5	1.3	.5									7.4	3.5	2.0
050-070	3.2	1.6										4.7	4.1	4.0
(E) 080-100	2.4	1.1	.3									3.7	4.1	4.0
110-130	3.9	3.7										7.6	4.6	4.0
140-160	2.6	2.6	1.1									6.3	5.8	6.0
(S) 170-190	2.1	.8										2.9	4.1	4.0
200-220	1.8	.5	.3									2.6	4.7	3.0
230-250	.5	.8	.3									1.6	6.5	6.5
(W) 260-280	1.1	1.3										2.4	4.8	5.0
290-310	.5	1.1	.5	.3								2.4	7.7	6.0
320-340	2.9	2.4	1.3	.5								7.1	6.7	5.0
VARIABLE														
CALM	////////////////////////////////////											34.7	////////////////////////////////	
TOTALS	33.3	25.4	5.6	1.1								100.0	3.4	4.0

TOTAL NUMBER OF OBSERVATIONS 380

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	4.1	5.8	2.7	.3								13.0	6.6	6.0
020-040	4.3	3.7	.7									8.7	4.9	5.0
050-070	3.7	2.9	.2									6.8	4.6	4.0
(E) 080-100	2.1	2.7	.2									5.1	5.2	5.0
110-130	2.4	4.2	.5	.1								7.2	6.0	6.0
140-160	3.3	5.6	1.7	.2	.0							10.8	6.6	6.0
(S) 170-190	4.4	5.4	1.6	.2	.0							11.6	6.0	6.0
200-220	1.7	2.3	1.0	.1								5.0	6.6	6.0
230-250	1.1	1.2	.6	.1								2.9	6.3	6.0
(W) 260-280	.9	1.5	.4	.0								2.8	6.3	6.0
290-310	1.5	1.5	.7	.0								3.8	6.2	5.0
320-340	2.6	4.2	1.9	.2								8.9	7.0	6.0
VARIABLE														
CALM	////////////////////////////////////											13.4	////////	
TOTALS	32.1	41.0	12.2	1.2								100.0	5.3	6.0

TOTAL NUMBER OF OBSERVATIONS 3206

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	6.6	2.4									10.8	7.2	7.0
020-040	.9	6.6										7.5	6.3	6.0
050-070	3.9	4.2	.3									8.4	5.1	5.5
(E) 080-100	1.5	3.9	1.2									6.6	6.8	6.5
110-130	3.0	5.4	1.8									10.2	6.6	7.0
140-160	2.7	13.8	5.7	.3								22.5	7.7	7.0
(S) 170-190	3.0	7.8	2.4	.3	.3							13.8	7.4	7.0
200-220	1.2	1.2	1.2									3.6	7.3	6.0
230-250		.6	1.8									2.4	10.3	11.0
(W) 260-280		1.8										1.8	7.8	8.0
290-310	.9	2.1	1.8									4.8	7.4	7.5
320-340	.3	4.2	.6									5.1	7.5	8.0
VARIABLE														
CALM	////////////////////											2.7	////////	
TOTALS	19.2	58.2	19.2	.6	.3							100.0	6.9	7.0

TOTAL NUMBER OF OBSERVATIONS 334

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	13.3											13.3	2.5	2.5
020-040														
050-070		6.7										6.7	6.0	6.0
(E) 080-100														
110-130	13.3	20.0										33.3	5.0	5.0
140-160														
(S) 170-190	6.7	6.7										13.3	6.0	6.0
200-220														
230-250														
(W) 260-280	6.7											6.7	4.0	4.0
290-310														
320-340														
VARIABLE														
CALM	////////////////////											26.7	////////	
TOTALS	40.0	33.4										100.0	3.5	4.0

TOTAL NUMBER OF OBSERVATIONS 15

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	13.7	11.0	5.5	5.5								35.6	7.3	6.0
020-040	11.0	4.1										15.1	4.3	4.0
050-070	4.1	4.1										8.2	4.2	3.5
(E) 080-100	1.4	1.4	1.4									4.1	6.7	7.0
110-130	1.4	4.1										5.5	5.5	5.5
140-160	4.1	8.2										12.3	5.1	5.0
(S) 170-190														
200-220														
230-250	1.4											1.4	2.0	2.0
(W) 260-280														
290-310			1.4									1.4	10.0	10.0
320-340	1.4	1.4		1.4								4.1	8.7	9.0
VARIABLE														
CALM	////////////////////////////////////											12.3	////////////////////////////////	
TOTALS	38.5	34.3	8.3	6.9								100.0	5.3	5.0
TOTAL NUMBER OF OBSERVATIONS 73														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	3.9	7.8	5.3	1.2								18.2	8.0	8.0
020-040	3.9	6.6	.6									11.1	5.4	5.0
050-070	4.3	4.0	.3									8.6	4.8	4.5
(E) 080-100	4.2	3.2	.1									7.5	4.8	4.0
110-130	3.0	5.9	2.3									11.2	6.5	6.0
140-160	2.9	5.5	3.9	.3								12.5	7.7	8.0
(S) 170-190	2.0	3.0	.9									5.9	6.5	6.0
200-220	1.2	1.2	.6									2.9	5.6	5.5
230-250	.3	1.0										1.3	6.6	8.0
(W) 260-280	.7	2.0	.3									3.0	6.4	7.0
290-310	1.9	2.6	1.0									5.5	6.2	6.0
320-340	1.7	3.7	2.7	.9	.1							9.2	8.6	8.0
VARIABLE														
CALM	////////////////////////////////////										3.0	////////////////////////////////		
TOTALS	30.0	46.5	18.0	2.4	.1							100.0	6.5	6.0

TOTAL NUMBER OF OBSERVATIONS 694

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	6.8	6.1	1.3								16.5	8.7	8.0
020-040	4.1	5.4	.4									9.9	5.2	5.0
050-070	2.4	3.2	.3									5.9	5.5	5.5
(E) 080-100	1.6	1.8										3.4	5.0	5.0
110-130	2.8	2.4	1.4									6.6	6.0	5.0
140-160	1.7	5.2	5.1	.8								12.8	8.9	9.0
(S) 170-190	1.7	6.3	4.2	.1								12.4	8.1	8.0
200-220	1.1	2.4	.3	.3								4.1	6.7	6.0
230-250	1.3	2.1	1.3									4.7	6.9	7.0
(W) 260-280	.7	2.1	1.0									3.8	7.2	8.0
290-310	1.3	2.5	1.1	.3								5.2	7.4	8.0
320-340	1.7	5.9	3.9	.4	.1							12.1	8.2	8.0
VARIABLE														
CALM	////////////////////											2.5	////////	
TOTALS	22.8	46.1	25.1	3.2	.1							100.0	7.2	7.0

TOTAL NUMBER OF OBSRVATIONS 709

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC HOURS: 15-17

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		3.6	10.5	4.2	.4								18.7	7.5	8.0
020-040		4.3	3.3	.4									8.0	4.7	4.0
050-070		1.6	1.2	.3									3.1	4.9	4.0
(E) 080-100		2.2	1.8	.1									4.2	4.3	4.0
110-130		1.9	1.5	.9									4.3	6.1	6.0
140-160		3.6	8.9	3.4	.1								16.0	7.0	7.0
(S) 170-190		5.6	5.6	1.0									12.3	5.4	5.0
200-220		1.9	3.9	.1	.3								6.2	6.0	6.0
230-250		.9	2.8	.6									4.3	6.6	7.0
(W) 260-280		1.3	.9										2.2	4.3	4.0
290-310		1.5	.9	.1									2.5	4.3	4.0
320-340		3.1	5.9	3.1	.3								12.5	7.2	7.0
VARIABLE															
CALM		////////////////////////////////////											5.6	////////////////////////////////	
TOTALS		31.5	47.2	14.2	1.1								100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 674

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.6	6.2	1.9									14.7	5.7	6.0
020-040	3.5	2.9										6.4	4.3	4.0
050-070	3.3	.7	.3									4.3	3.8	3.0
(E) 080-100	2.1	.9										2.9	4.1	4.0
110-130	3.6	3.1	.9									7.6	5.1	5.0
140-160	5.0	5.9	.7									11.6	5.1	5.0
(S) 170-190	6.2	2.1	.2									8.5	3.8	3.0
200-220	3.1	1.6	.2									4.8	4.2	4.0
230-250	.9	1.6										2.4	4.6	5.0
(W) 260-280	1.4	.5										1.9	3.7	3.0
290-310	1.7	.5										2.2	3.2	2.0
320-340	3.1	4.7	1.2									9.0	6.2	6.0
VARIABLE														
CALM	////////////////////////////////////											23.5	////////	
TOTALS	40.5	30.7	5.4									100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 578

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.9	3.2	2.9									15.0	5.1	4.0
020-040	5.8	2.9										8.6	3.5	3.0
050-070	1.6	1.0	.3									2.9	5.2	4.0
(E) 080-100	2.2	1.6	.6									4.5	5.6	5.0
110-130	4.5	2.9	.3	.3								8.0	5.2	4.0
140-160	1.9	5.1	.6									7.7	6.1	6.0
(S) 170-190	4.2	2.2										6.4	4.0	3.5
200-220	1.3	1.0										2.2	4.7	4.0
230-250	1.9	1.9										3.8	4.5	4.5
(W) 260-280	2.2	.3										2.6	3.5	3.0
290-310	1.3	1.3										2.6	3.8	4.0
320-340	3.8	5.1	2.2	.3								11.5	6.6	5.0
VARIABLE														
CALM	////////////////////////////////////											24.3	////////////////////////////////	
TOTALS	39.6	28.5	6.9	.6								100.0	3.8	4.0

TOTAL NUMBER OF OBSERVATIONS 313

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FIELD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	4.8	7.4	4.3	.8								17.3	7.3	7.0
020-040	4.3	4.4	.3								9.0	4.8	5.0	
050-070	2.8	2.3	.3								5.4	4.8	4.0	
(E) 080-100	2.5	1.9	.2								4.5	4.8	4.0	
110-130	3.1	3.4	1.2	.0								7.7	5.9	5.0
140-160	3.1	6.2	3.0	.3								12.6	7.2	7.0
(S) 170-190	3.7	4.0	1.4	.0								9.2	6.0	6.0
200-220	1.7	2.1	.3	.1								4.1	5.6	5.0
230-250	.9	1.8	.4								3.2	6.1	6.0	
(W) 260-280	1.1	1.3	.3								2.7	5.6	6.0	
290-310	1.5	1.6	.6	.1								3.7	5.8	6.0
320-340	2.5	5.0	2.7	.4	.1							10.6	7.5	7.0
VARIABLE														
CALM	////////////////////////////////////											9.9	////////	
TOTALS	32.0	41.4	15.0	1.7	.1							100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 3065

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		1.4	9.0	2.1	.6								13.1	7.8	8.0
020-040		4.5	8.4	.2									13.1	5.4	6.0
050-070		3.3	4.3										7.6	4.9	5.0
(E) 080-100		2.3	3.3	.4									6.0	5.3	5.0
110-130		1.4	4.5	1.8									7.8	7.1	7.0
140-160		2.3	12.3	4.3	.2								19.1	7.8	8.0
(S) 170-190		1.4	4.7	2.5									8.6	7.7	8.0
200-220		1.6	2.1	.4	.4								4.5	7.0	6.0
230-250		.2	.6										.8	5.0	5.5
(W) 260-280		.6	1.0										1.6	5.1	5.0
290-310		.8	2.3	.6	.4								4.1	7.5	8.0
320-340		1.2	5.7	3.5	.4	.4							11.3	8.9	9.0
VARIABLE															
CALM		////////////////////////////////////										2.3	////////////////////////////////		
TOTALS		21.0	58.2	15.8	2.0	.4							100.0	6.9	7.0

TOTAL NUMBER OF OBSERVATIONS 487

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: ALL HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	4.4	5.1	2.1	.2	.0							11.7	6.2	6.0
020-040	4.1	3.2	.4	.0								7.8	4.7	4.0
050-070	3.1	2.9	.3	.0								6.4	4.9	5.0
(E) 080-100	2.1	2.4	.3	.0	.0							4.9	5.3	5.0
110-130	2.1	2.4	.6	.0								5.2	5.7	5.0
140-160	2.8	4.1	2.1	.3	.0							9.4	7.0	7.0
(S) 170-190	4.3	6.1	2.5	.2	.0	.0	.0					13.1	6.5	6.0
200-220	2.8	4.0	1.3	.1	.0	.0						8.3	6.4	6.0
230-250	1.7	2.0	.8	.1	.0	.0						4.6	6.4	6.0
(W) 260-280	1.7	1.7	.4	.0	.0	.0						3.8	5.5	5.0
290-310	2.0	2.1	.8	.1	.0							5.0	6.1	6.0
320-340	2.9	4.1	1.8	.2	.0	.0						9.0	6.7	6.0
VARIABLE														
CALM	////////////////////////////////////											11.0	////////////////////////////////	
TOTALS	34.0	40.1	13.4	1.2								100.0	5.4	6.0

TOTAL NUMBER OF OBSERVATIONS: 40122

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: ALL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		3.3	6.3	2.3	.2								12.1	6.8	7.0
020-040		4.6	5.7	.5	.1								10.9	5.2	5.0
050-070		3.9	4.6	.6	.1								9.2	5.4	5.0
(E) 080-100		2.6	4.0	.9	.2								7.7	6.3	6.0
110-130		2.5	3.5	1.1	.1								7.1	6.0	6.0
140-160		2.6	7.9	4.6	.8	.3							16.3	8.3	8.0
(S) 170-190		2.8	5.2	3.0	.5	.1	.0						11.7	7.7	8.0
200-220		1.1	1.9	1.0	.4	.2	.0						4.6	8.7	8.0
230-250		.7	.9	.8	.1	.0							2.5	7.8	8.0
(W) 260-280		.7	.9	.2									1.8	5.5	5.0
290-310		1.1	1.3	.8	.3	.0							3.5	7.4	7.0
320-340		1.7	4.0	2.2	.2	.1							8.1	7.8	8.0
VARIABLE															
CALM		////////////////////////////////////										4.4	////////////////////////////////		
TOTALS		27.6	46.2	18.0	3.0	.7							100.0	6.7	6.0

TOTAL NUMBER OF OBSERVATIONS: 3486

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	DDDDDDDD
PPPPPPPP	AAAAAAAA	RRRRRRRRR	TTTTTTTTTT	DDDDDDDD
PP PP	AA AA	RR RR	TT	DD DD
PP PP	AA AA	RR RR	TT	DD DD
PPPPPPPP	AA AA	RRRRRRRR	TT	DD DD
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	DD DD
PP	AAAAAAAAA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DDDDDDDD
PP	AA AA	RR RR	TT	DDDDDDDD

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PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET--"NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.
FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

SKY COVER--PERCENT OCCURRENCE FREQUENCY.

ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURED, OR TOTALLY OBSCURED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR
SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

0/8.....CLEAR
1/8 THRU 4/8.....SCATTERED
5/8 THRU 7/8.....BROKEN
8/8.....OVERCAST

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN
COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS,"
HOWEVER, ARE INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 20000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 18000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 16000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 14000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 12000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 10000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 9000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 8000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 7000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 6000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 5000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 4500	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 4000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 3500	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 3000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 2500	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 2000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 1800	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 1500	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 1200	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 1000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 900	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 800	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 700	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 600	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 500	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 400	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 300	77.8	77.8	77.8	77.8	77.8	77.8	77.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 200	77.8	77.8	77.8	77.8	77.8	77.8	77.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 100	77.8	77.8	77.8	77.8	77.8	77.8	77.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	100.0	100.0
GE 000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 9

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20000	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 18000	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 16000	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 14000	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 12000	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10000	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 9000	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 8000	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 7000	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 6000	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5000	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4500	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	75.0	75.0	75.0	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.6	56.4	61.8	63.6	65.5	65.5	65.5	65.5	65.5	65.5	67.3	67.3	69.1	69.1	70.9	70.9
GE 20000	49.1	61.8	67.3	69.1	72.7	72.7	72.7	72.7	72.7	72.7	74.5	74.5	76.4	76.4	78.2	78.2
GE 18000	49.1	61.8	67.3	69.1	72.7	72.7	72.7	72.7	72.7	72.7	74.5	74.5	76.4	76.4	78.2	78.2
GE 16000	49.1	61.8	67.3	69.1	72.7	72.7	72.7	72.7	72.7	72.7	74.5	74.5	76.4	76.4	78.2	78.2
GE 14000	49.1	61.8	67.3	69.1	72.7	72.7	72.7	72.7	72.7	72.7	74.5	74.5	76.4	76.4	78.2	78.2
GE 12000	50.9	63.6	69.1	70.9	74.5	74.5	74.5	74.5	74.5	74.5	76.4	76.4	78.2	78.2	80.0	80.0
GE 10000	52.7	65.5	70.9	72.7	76.4	76.4	76.4	76.4	76.4	76.4	78.2	78.2	80.0	80.0	81.8	81.8
GE 9000	52.7	65.5	70.9	72.7	76.4	76.4	76.4	76.4	76.4	76.4	78.2	78.2	80.0	80.0	81.8	81.8
GE 8000	52.7	65.5	70.9	72.7	76.4	76.4	76.4	76.4	76.4	76.4	78.2	78.2	80.0	80.0	81.8	81.8
GE 7000	52.7	65.5	70.9	72.7	76.4	76.4	76.4	76.4	76.4	76.4	78.2	78.2	80.0	80.0	81.8	81.8
GE 6000	54.5	67.3	72.7	74.5	78.2	78.2	78.2	78.2	78.2	78.2	80.0	80.0	81.8	81.8	83.6	83.6
GE 5000	56.4	69.1	74.5	76.4	80.0	80.0	80.0	80.0	80.0	80.0	81.8	81.8	83.6	83.6	85.5	85.5
GE 4500	56.4	69.1	74.5	76.4	80.0	80.0	80.0	80.0	80.0	80.0	81.8	81.8	83.6	83.6	85.5	85.5
GE 4000	58.2	70.9	76.4	78.2	81.8	81.8	81.8	81.8	81.8	81.8	83.6	83.6	85.5	85.5	87.3	87.3
GE 3500	60.0	72.7	78.2	80.0	83.6	83.6	83.6	83.6	83.6	83.6	85.5	85.5	87.3	87.3	89.1	89.1
GE 3000	61.8	74.5	80.0	81.8	85.5	85.5	85.5	85.5	85.5	85.5	87.3	87.3	89.1	89.1	90.9	90.9
GE 2500	61.8	74.5	80.0	81.8	85.5	85.5	85.5	85.5	85.5	85.5	87.3	87.3	89.1	89.1	90.9	90.9
GE 2000	61.8	74.5	80.0	81.8	85.5	85.5	85.5	85.5	85.5	85.5	87.3	87.3	89.1	89.1	90.9	90.9
GE 1800	61.8	74.5	80.0	81.8	85.5	85.5	85.5	85.5	85.5	85.5	87.3	87.3	89.1	89.1	90.9	90.9
GE 1500	61.8	74.5	80.0	81.8	85.5	85.5	85.5	85.5	85.5	85.5	87.3	87.3	89.1	89.1	90.9	90.9
GE 1200	61.8	74.5	80.0	81.8	87.3	87.3	87.3	87.3	87.3	87.3	89.1	89.1	90.9	90.9	92.7	92.7
GE 1000	61.8	74.5	80.0	81.8	87.3	87.3	87.3	87.3	87.3	87.3	89.1	89.1	90.9	90.9	92.7	92.7
GE 900	61.8	74.5	80.0	81.8	87.3	87.3	87.3	87.3	87.3	87.3	89.1	89.1	90.9	90.9	92.7	92.7
GE 800	61.8	74.5	80.0	81.8	87.3	87.3	87.3	87.3	87.3	87.3	89.1	89.1	90.9	90.9	92.7	92.7
GE 700	61.8	74.5	80.0	81.8	87.3	87.3	87.3	87.3	87.3	87.3	89.1	89.1	90.9	90.9	92.7	92.7
GE 600	61.8	74.5	80.0	81.8	87.3	87.3	87.3	87.3	87.3	87.3	89.1	89.1	90.9	90.9	92.7	92.7
GE 500	61.8	74.5	80.0	81.8	87.3	87.3	89.1	89.1	89.1	89.1	90.9	90.9	92.7	92.7	94.5	94.5
GE 400	61.8	74.5	80.0	81.8	87.3	87.3	89.1	89.1	89.1	89.1	90.9	90.9	92.7	92.7	94.5	94.5
GE 300	61.8	74.5	80.0	81.8	87.3	87.3	90.9	90.9	90.9	90.9	92.7	92.7	94.5	94.5	96.4	96.4
GE 200	61.8	74.5	80.0	81.8	87.3	87.3	90.9	90.9	90.9	90.9	92.7	92.7	96.4	96.4	98.2	98.2
GE 100	61.8	74.5	80.0	81.8	87.3	87.3	90.9	90.9	90.9	90.9	92.7	92.7	96.4	96.4	98.2	100.0
GE 000	61.8	74.5	80.0	81.8	87.3	87.3	90.9	90.9	90.9	90.9	92.7	92.7	96.4	96.4	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 55

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.8	43.5	44.3	45.0	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.6	45.6	45.6
GE 20000	47.8	51.1	51.8	52.7	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.3	53.3	53.3
GE 18000	47.8	51.1	51.8	52.7	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.3	53.3	53.3
GE 16000	47.8	51.1	51.8	52.7	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.3	53.3	53.3
GE 14000	47.9	51.2	52.0	52.8	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.4
GE 12000	48.5	51.8	52.5	53.7	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.3	54.3	54.3
GE 10000	51.1	54.7	55.7	56.9	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.5	57.5	57.5
GE 9000	52.4	56.0	57.0	58.2	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.8	58.8	58.8
GE 8000	56.5	60.4	61.4	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1
GE 7000	57.9	62.0	63.0	64.2	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7
GE 6000	58.8	62.8	63.9	65.0	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.6
GE 5000	59.2	63.3	64.3	65.5	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.2
GE 4500	59.4	63.9	64.9	66.0	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.8
GE 4000	60.7	65.2	66.2	67.3	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9	67.9	68.1
GE 3500	60.8	65.3	66.3	67.5	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.1	68.1	68.2
GE 3000	62.8	67.6	68.7	70.1	70.5	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8	71.0
GE 2500	64.0	68.9	70.0	71.4	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.3
GE 2000	65.0	70.1	71.3	72.9	73.4	73.4	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.9	73.9	74.0
GE 1800	65.9	71.0	72.1	73.7	74.5	74.5	74.6	74.7	74.7	74.9	74.9	74.9	74.9	75.0	75.0	75.2
GE 1500	67.6	72.7	74.3	75.9	76.8	76.8	77.1	77.2	77.2	77.4	77.4	77.4	77.4	77.5	77.5	77.6
GE 1200	68.2	73.6	75.3	76.9	77.8	77.8	78.1	78.2	78.2	78.4	78.4	78.4	78.4	78.5	78.5	78.7
GE 1000	70.0	75.8	77.8	80.0	81.1	81.1	81.6	81.7	81.7	81.9	81.9	81.9	82.0	82.0	82.0	82.1
GE 900	71.1	77.1	79.4	81.9	83.0	83.0	83.5	83.6	83.6	83.7	83.7	83.7	83.9	83.9	83.9	84.0
GE 800	72.0	78.2	80.7	83.6	84.8	84.8	85.3	85.6	85.6	85.8	85.8	85.8	85.8	85.9	85.9	86.1
GE 700	72.4	78.7	81.4	84.3	85.8	85.8	86.5	86.8	86.8	86.9	86.9	86.9	87.1	87.1	87.1	87.2
GE 600	73.3	80.0	83.0	85.9	87.5	87.5	88.2	88.7	88.7	88.8	88.8	88.8	89.0	89.0	89.0	89.1
GE 500	73.9	80.8	84.2	87.5	89.6	89.6	90.3	90.9	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.3
GE 400	73.9	81.0	84.6	88.2	90.9	91.0	91.9	93.3	93.3	93.8	93.8	93.8	94.0	94.0	94.0	94.2
GE 300	74.0	81.1	84.9	88.5	91.4	91.9	92.9	94.8	94.8	95.6	96.1	96.1	96.4	96.4	96.5	96.7
GE 200	74.0	81.1	84.9	88.5	91.6	92.0	93.2	95.1	95.1	96.1	97.2	97.5	98.1	98.1	98.4	98.7
GE 100	74.0	81.1	84.9	88.5	91.6	92.0	93.2	95.1	95.1	96.1	97.2	97.5	98.1	98.1	98.8	99.9
GE 000	74.0	81.1	84.9	88.5	91.6	92.0	93.2	95.1	95.1	96.1	97.2	97.5	98.1	98.1	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 689

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.3	44.1	44.9	45.0	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
GE 20000	52.1	53.1	54.0	54.2	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 18000	52.4	53.4	54.3	54.4	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 16000	52.4	53.4	54.3	54.4	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 14000	52.7	53.6	54.6	54.7	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 12000	53.4	54.6	55.5	55.6	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 10000	56.3	57.5	58.4	58.6	58.8	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 9000	57.5	58.7	59.7	59.8	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 8000	61.5	62.9	63.8	63.9	64.3	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 7000	63.1	64.6	65.5	65.7	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 6000	63.7	65.1	66.1	66.2	66.6	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 5000	63.8	65.4	66.4	66.5	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 4500	64.5	66.4	67.4	67.6	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 4000	66.1	68.0	69.0	69.2	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 3500	66.6	68.5	69.6	69.8	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 3000	67.8	69.7	70.8	71.0	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 2500	70.5	72.4	73.5	73.7	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 2000	73.2	75.1	76.1	76.4	77.1	77.1	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 1800	73.9	75.9	76.9	77.2	77.9	77.9	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 1500	76.7	79.0	80.3	80.6	81.2	81.2	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 1200	77.3	79.6	81.1	81.4	82.2	82.2	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 1000	80.2	83.6	85.5	85.9	87.0	87.1	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 900	80.8	84.3	86.3	87.1	88.2	88.2	88.7	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 800	81.2	85.3	87.4	88.3	89.4	89.5	90.6	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 700	81.4	85.7	88.1	89.1	90.5	90.8	91.8	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 600	82.3	86.9	89.4	90.5	92.4	92.8	93.8	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 500	82.6	87.3	90.1	91.3	93.6	94.0	95.3	95.7	95.7	95.8	95.8	95.8	96.0	96.0	96.0	96.0
GE 400	82.8	87.5	90.3	91.6	94.0	94.6	96.4	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1
GE 300	83.0	87.7	90.5	91.7	94.1	94.8	96.6	98.7	98.8	99.5	99.6	99.6	99.7	99.7	99.9	99.9
GE 200	83.0	87.7	90.5	91.7	94.1	94.8	96.6	98.7	98.8	99.5	99.6	99.6	99.7	99.7	99.9	99.9
GE 100	83.0	87.7	90.5	91.7	94.1	94.8	96.6	98.7	98.8	99.5	99.6	99.6	99.7	99.7	99.9	100.0
GE 000	83.0	87.7	90.5	91.7	94.1	94.8	96.6	98.7	98.8	99.5	99.6	99.6	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 746

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.1	44.1	44.5	44.6	45.2	45.3	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 20000	54.7	55.8	56.2	56.4	57.0	57.2	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 18000	54.7	55.8	56.2	56.4	57.0	57.2	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 16000	54.7	55.8	56.2	56.4	57.0	57.2	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 14000	54.8	55.9	56.4	56.5	57.2	57.3	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 12000	55.2	56.5	57.0	57.2	57.9	58.0	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 10000	58.4	59.9	60.5	60.6	61.5	61.6	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 9000	59.1	60.6	61.2	61.3	62.2	62.3	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 8000	63.0	65.2	65.7	65.9	66.7	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 7000	63.7	65.9	66.4	66.7	67.5	67.7	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 6000	64.8	67.0	67.5	67.8	68.6	68.8	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 5000	64.9	67.1	68.0	68.2	69.1	69.2	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 4500	65.2	67.4	68.2	68.8	69.6	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 4000	66.6	69.2	70.3	70.9	71.7	71.8	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 3500	67.1	69.8	70.9	71.7	72.5	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 3000	68.2	71.0	72.2	73.1	74.2	74.3	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 2500	71.1	74.3	75.7	76.5	77.9	78.0	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 2000	72.9	76.1	77.5	78.3	80.1	80.2	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 1800	73.1	76.8	78.2	79.0	80.8	80.9	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 1500	75.1	79.1	80.7	81.6	83.4	83.6	84.1	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 1200	76.5	80.9	82.9	84.0	85.8	85.9	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1000	78.0	82.9	84.8	85.9	87.8	88.1	88.7	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 900	78.2	83.3	85.2	86.3	88.3	88.5	89.1	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 800	78.2	83.4	85.5	86.9	89.1	89.4	90.2	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 700	78.7	84.1	86.2	87.8	90.1	90.3	91.3	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 600	79.1	84.5	86.6	89.1	91.6	92.0	93.2	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 500	79.3	84.7	86.9	89.8	92.8	93.2	95.2	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 400	79.6	85.1	87.3	90.3	93.6	94.1	96.5	97.4	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 300	79.6	85.1	87.3	90.3	94.1	94.6	97.2	98.1	98.2	98.5	98.6	98.6	98.9	98.9	98.9	98.9
GE 200	79.6	85.1	87.3	90.3	94.1	94.8	97.4	98.3	98.5	98.8	99.0	99.0	99.4	99.4	99.4	99.4
GE 100	79.6	85.1	87.3	90.5	94.2	94.9	97.5	98.5	98.6	98.9	99.3	99.3	100.0	100.0	100.0	100.0
GE 000	79.6	85.1	87.3	90.5	94.2	94.9	97.5	98.5	98.6	98.9	99.3	99.3	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 724

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.1	51.6	53.1	53.2	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 20000	57.8	59.7	61.1	61.2	61.7	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 18000	57.8	59.7	61.1	61.2	61.7	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 16000	57.8	59.7	61.1	61.2	61.7	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 14000	57.8	59.7	61.1	61.2	61.7	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 12000	58.1	60.1	61.5	61.7	62.2	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 10000	60.8	63.4	65.0	65.1	65.6	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 9000	61.4	64.1	65.6	65.8	66.2	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 8000	64.5	67.7	69.5	69.9	70.3	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 7000	64.8	68.6	70.5	70.8	71.3	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 6000	65.5	69.2	71.1	71.4	71.9	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 5000	65.8	69.5	71.4	71.7	72.4	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 4500	66.4	70.6	72.5	72.8	73.6	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 4000	66.9	71.1	73.2	73.5	74.3	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 3500	67.2	71.4	73.5	73.8	74.7	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 3000	67.8	72.4	74.4	74.9	76.1	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 2500	69.1	73.8	76.3	77.1	78.8	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4
GE 2000	70.6	75.7	78.3	79.3	81.2	81.3	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9
GE 1800	70.8	75.8	78.5	79.4	81.3	81.5	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.1	82.1
GE 1500	73.3	78.5	81.2	82.1	84.5	84.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7
GE 1200	74.3	79.6	82.4	83.4	86.0	86.2	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.3	87.3
GE 1000	74.6	80.1	83.0	84.3	87.6	87.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.2	89.2
GE 900	74.9	80.4	83.5	84.8	88.1	88.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6
GE 800	75.0	80.7	83.8	85.1	88.4	88.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	90.0	90.0
GE 700	75.5	81.2	84.3	85.6	89.0	89.2	90.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.1	91.1
GE 600	75.7	81.5	84.6	86.0	89.8	90.0	91.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.6	92.6
GE 500	75.7	81.5	84.6	86.3	90.7	91.1	92.8	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.2	94.2
GE 400	76.0	81.8	85.1	86.8	91.8	92.3	94.5	95.8	95.8	95.8	95.8	95.9	95.9	95.9	96.1	96.1
GE 300	76.0	81.8	85.1	87.1	92.5	92.9	95.9	97.5	97.5	97.5	97.5	97.6	97.8	97.8	98.0	98.0
GE 200	76.0	81.8	85.1	87.3	92.6	93.1	96.2	98.0	98.0	98.0	98.0	98.1	98.9	98.9	99.4	99.5
GE 100	76.0	81.8	85.1	87.3	92.8	93.2	96.4	98.1	98.1	98.1	98.1	98.3	99.1	99.1	99.7	100.0
GE 000	76.0	81.8	85.1	87.3	92.8	93.2	96.4	98.1	98.1	98.1	98.1	98.3	99.1	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 637

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.4	57.9	60.1	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.1	61.1
GE 20000	58.4	61.9	64.1	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.1	65.1
GE 18000	58.4	61.9	64.1	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.1	65.1
GE 16000	58.4	61.9	64.1	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.1	65.1
GE 14000	58.4	61.9	64.1	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.1	65.1
GE 12000	59.2	62.7	64.9	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	66.0	66.0
GE 10000	63.0	67.0	70.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.3	71.3
GE 9000	63.0	67.0	70.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.3	71.3
GE 8000	65.7	70.2	73.2	74.3	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	75.1	75.1
GE 7000	65.7	70.5	73.5	74.5	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.3	75.3
GE 6000	66.0	70.8	73.7	74.8	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.6	75.6
GE 5000	66.8	71.6	74.5	75.6	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.7	76.7
GE 4500	68.1	72.9	76.1	77.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	79.1	79.1
GE 4000	68.9	73.7	76.9	78.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.9	79.9
GE 3500	70.0	74.8	78.0	79.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	81.0	81.0
GE 3000	70.8	75.6	79.1	81.0	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	83.1	83.1
GE 2500	72.1	76.9	80.4	82.3	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.5	84.5
GE 2000	74.0	79.1	82.6	84.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.9	86.9
GE 1800	74.8	79.9	83.4	85.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.7	87.7
GE 1500	75.9	81.0	84.5	86.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	89.0	89.0
GE 1200	76.1	81.2	84.7	86.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.3	89.3
GE 1000	76.4	81.8	85.3	87.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.8	90.1	90.1
GE 900	76.7	82.0	85.5	87.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	90.1	90.3	90.3
GE 800	77.7	83.1	86.6	88.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.2	91.4	91.4
GE 700	78.6	83.9	87.4	89.5	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.5	92.8	92.8
GE 600	78.6	83.9	87.4	89.5	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.5	92.8	92.8
GE 500	78.6	83.9	87.7	90.3	93.8	93.8	94.6	94.6	94.6	94.6	94.6	94.6	94.9	94.9	95.2	95.2
GE 400	78.6	83.9	87.7	90.3	94.4	94.4	95.4	95.4	95.4	95.4	95.4	95.4	95.7	95.7	96.0	96.0
GE 300	78.6	83.9	87.7	90.6	94.9	94.9	96.2	96.5	96.5	96.8	96.8	96.8	97.1	97.1	97.3	97.3
GE 200	78.6	83.9	87.7	90.6	94.9	94.9	96.2	96.8	96.8	97.3	97.3	97.3	98.7	98.7	99.2	99.5
GE 100	78.6	83.9	87.7	90.6	94.9	94.9	96.2	96.8	96.8	97.3	97.6	97.6	98.9	98.9	99.5	100.0
GE 000	78.6	83.9	87.7	90.6	94.9	94.9	96.2	96.8	96.8	97.3	97.6	97.6	98.9	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 373

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.4	47.3	48.4	48.7	49.1	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.4	49.4	49.4
GE 20000	53.7	55.8	56.9	57.3	57.8	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1
GE 18000	53.7	55.9	57.0	57.4	57.9	57.9	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.2	58.2
GE 16000	53.7	55.9	57.0	57.4	57.9	57.9	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.2	58.2
GE 14000	53.8	56.0	57.1	57.5	58.0	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3
GE 12000	54.4	56.7	57.8	58.3	58.8	58.8	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.1	59.1
GE 10000	57.3	59.9	61.2	61.7	62.2	62.3	62.4	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.6	62.6
GE 9000	58.2	60.8	62.1	62.6	63.1	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4
GE 8000	61.8	64.8	66.1	66.6	67.3	67.3	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.6	67.6
GE 7000	62.7	65.9	67.2	67.8	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7
GE 6000	63.4	66.6	68.0	68.5	69.1	69.2	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.5	69.5
GE 5000	63.7	67.0	68.4	69.0	69.6	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9	70.0	70.0
GE 4500	64.3	67.7	69.2	69.9	70.7	70.7	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9	71.0	71.0
GE 4000	65.4	69.0	70.6	71.2	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.4	72.4
GE 3500	65.9	69.5	71.1	71.8	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	73.0	73.0
GE 3000	67.1	70.9	72.5	73.4	74.4	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.9	74.9
GE 2500	69.0	72.9	74.7	75.7	76.8	76.9	77.1	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.4	77.4
GE 2000	70.8	74.8	76.6	77.7	79.1	79.1	79.4	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.7	79.7
GE 1800	71.3	75.5	77.3	78.3	79.7	79.8	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.4	80.4
GE 1500	73.4	77.7	79.7	80.8	82.4	82.4	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.2	83.3
GE 1200	74.2	78.7	80.9	82.0	83.7	83.8	84.2	84.3	84.3	84.4	84.4	84.4	84.5	84.5	84.6	84.6
GE 1000	75.7	80.7	83.1	84.4	86.3	86.5	87.1	87.2	87.2	87.3	87.3	87.3	87.4	87.4	87.5	87.5
GE 900	76.2	81.3	83.8	85.3	87.2	87.4	88.0	88.1	88.1	88.2	88.2	88.2	88.3	88.3	88.4	88.4
GE 800	76.6	82.0	84.6	86.2	88.3	88.4	89.2	89.4	89.4	89.5	89.5	89.5	89.6	89.6	89.7	89.7
GE 700	77.0	82.5	85.2	87.0	89.2	89.4	90.2	90.6	90.6	90.7	90.8	90.8	90.9	90.9	90.9	91.0
GE 600	77.6	83.2	86.0	88.0	90.5	90.7	91.7	92.2	92.2	92.4	92.4	92.4	92.5	92.5	92.6	92.6
GE 500	77.8	83.5	86.5	88.8	91.9	92.1	93.5	94.1	94.1	94.2	94.2	94.3	94.4	94.4	94.5	94.5
GE 400	78.0	83.8	86.9	89.3	92.7	93.1	94.8	95.9	95.9	96.1	96.1	96.2	96.3	96.3	96.4	96.4
GE 300	78.0	83.8	87.0	89.5	93.1	93.6	95.6	97.1	97.1	97.6	97.7	97.8	98.0	98.0	98.2	98.2
GE 200	78.0	83.8	87.0	89.5	93.2	93.7	95.8	97.3	97.4	97.9	98.2	98.3	98.9	98.9	99.2	99.4
GE 100	78.0	83.8	87.0	89.5	93.3	93.8	95.9	97.4	97.4	97.9	98.4	98.5	99.1	99.1	99.6	100.0
GE 000	78.0	83.8	87.0	89.5	93.3	93.8	95.9	97.4	97.4	97.9	98.4	98.5	99.1	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 3237

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.0	40.0	40.0	40.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 20000	40.0	40.0	40.0	40.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 18000	40.0	40.0	40.0	40.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 16000	40.0	40.0	40.0	40.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 14000	40.0	40.0	40.0	40.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 12000	40.0	40.0	40.0	40.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 10000	40.0	40.0	40.0	40.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 9000	40.0	40.0	40.0	40.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 8000	60.0	60.0	60.0	60.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 7000	60.0	60.0	60.0	60.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 6000	60.0	60.0	60.0	60.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 5000	60.0	60.0	60.0	60.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 4500	60.0	60.0	60.0	60.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 4000	60.0	60.0	60.0	60.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 3500	60.0	60.0	60.0	60.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 3000	60.0	60.0	60.0	60.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 2500	60.0	60.0	60.0	60.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 2000	60.0	60.0	60.0	60.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 1800	60.0	60.0	60.0	60.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 1500	60.0	60.0	60.0	60.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 1200	60.0	60.0	60.0	60.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 1000	60.0	60.0	60.0	60.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 900	60.0	60.0	60.0	60.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 800	60.0	60.0	60.0	60.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 700	60.0	60.0	60.0	60.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 600	60.0	60.0	60.0	60.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 500	60.0	60.0	60.0	60.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 400	60.0	60.0	60.0	60.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 300	60.0	60.0	60.0	60.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0
GE 200	60.0	60.0	60.0	60.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0
GE 100	60.0	60.0	60.0	60.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0
GE 000	60.0	60.0	60.0	60.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	16.7	16.7	33.3	33.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 20000	16.7	16.7	33.3	33.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 18000	16.7	16.7	33.3	33.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 16000	16.7	16.7	33.3	33.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 14000	16.7	16.7	33.3	33.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 12000	16.7	16.7	33.3	33.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 10000	16.7	16.7	33.3	33.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 9000	16.7	16.7	33.3	33.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 8000	16.7	16.7	33.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 7000	16.7	16.7	33.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 6000	16.7	16.7	33.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5000	16.7	16.7	33.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4500	16.7	16.7	33.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000	16.7	16.7	33.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	16.7	16.7	33.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	16.7	16.7	33.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	16.7	16.7	33.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	16.7	16.7	33.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	16.7	16.7	33.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	16.7	16.7	33.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	16.7	16.7	33.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	16.7	16.7	33.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	16.7	16.7	33.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	16.7	16.7	33.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	16.7	16.7	33.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	16.7	16.7	33.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	16.7	16.7	33.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	16.7	16.7	33.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	16.7	16.7	33.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	16.7	16.7	33.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	16.7	16.7	33.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	16.7	16.7	33.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.9	33.9	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 20000	39.0	39.0	40.7	40.7	40.7	40.7	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 18000	39.0	39.0	40.7	40.7	40.7	40.7	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 16000	39.0	39.0	40.7	40.7	40.7	40.7	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 14000	39.0	39.0	40.7	40.7	40.7	40.7	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 12000	42.4	42.4	44.1	44.1	44.1	44.1	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 10000	42.4	42.4	44.1	44.1	44.1	44.1	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 9000	44.1	44.1	45.8	45.8	45.8	45.8	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 8000	45.8	47.5	49.2	49.2	49.2	49.2	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 7000	49.2	50.8	52.5	52.5	52.5	52.5	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 6000	49.2	50.8	52.5	52.5	52.5	52.5	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 5000	52.5	54.2	55.9	55.9	55.9	55.9	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 4500	54.2	55.9	57.6	57.6	57.6	57.6	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 4000	57.6	59.3	61.0	61.0	61.0	61.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 3500	57.6	59.3	61.0	61.0	61.0	61.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 3000	57.6	59.3	61.0	61.0	61.0	61.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 2500	59.3	61.0	62.7	62.7	62.7	62.7	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 2000	59.3	61.0	64.4	64.4	64.4	64.4	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 1800	59.3	61.0	64.4	64.4	64.4	64.4	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 1500	61.0	62.7	66.1	66.1	66.1	66.1	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 1200	61.0	62.7	66.1	66.1	66.1	66.1	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 1000	62.7	64.4	67.8	67.8	67.8	67.8	71.2	71.2	71.2	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 900	67.8	71.2	78.0	78.0	78.0	78.0	81.4	81.4	81.4	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 800	67.8	71.2	78.0	78.0	78.0	78.0	81.4	81.4	81.4	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 700	67.8	71.2	78.0	78.0	78.0	78.0	81.4	83.1	83.1	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 600	67.8	71.2	78.0	78.0	78.0	78.0	83.1	84.7	84.7	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 500	67.8	71.2	78.0	78.0	81.4	81.4	86.4	91.5	91.5	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 400	67.8	71.2	78.0	78.0	81.4	81.4	86.4	91.5	91.5	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 300	67.8	71.2	78.0	79.7	83.1	83.1	88.1	93.2	93.2	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 200	67.8	71.2	78.0	81.4	84.7	84.7	89.8	94.9	94.9	96.6	96.6	96.6	96.6	96.6	96.6	98.3
GE 100	67.8	71.2	78.0	81.4	84.7	84.7	89.8	94.9	94.9	96.6	96.6	96.6	96.6	96.6	96.6	100.0
GE 000	67.8	71.2	78.0	81.4	84.7	84.7	89.8	94.9	94.9	96.6	96.6	96.6	96.6	96.6	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS 59

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.3	40.3	40.7	40.7	40.7	40.7	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 20000	45.4	47.8	49.1	49.1	49.1	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 18000	45.4	47.8	49.1	49.1	49.1	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 16000	45.4	47.8	49.1	49.1	49.1	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 14000	45.4	47.8	49.1	49.1	49.1	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 12000	45.8	48.2	49.6	49.6	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 10000	47.0	49.6	51.0	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 9000	48.1	50.6	52.1	52.2	52.2	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 8000	50.4	53.6	55.4	55.5	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 7000	51.8	54.9	56.9	57.0	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 6000	51.9	55.2	57.2	57.3	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 5000	53.1	56.6	58.5	58.7	58.8	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 4500	53.9	57.3	59.3	59.4	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 4000	55.2	58.7	60.8	61.2	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 3500	55.8	59.4	61.5	62.1	62.4	62.4	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 3000	58.5	62.7	65.0	65.7	66.0	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 2500	60.6	65.1	67.5	68.3	68.7	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 2000	61.5	66.5	68.9	69.9	70.4	70.4	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 1800	61.5	66.5	68.9	69.9	70.4	70.4	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 1500	64.4	69.9	72.5	73.7	74.1	74.1	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 1200	66.3	72.6	75.6	77.2	77.8	77.8	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 1000	66.5	73.5	76.8	78.6	79.2	79.5	79.8	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 900	67.2	74.7	78.0	80.1	80.8	81.1	81.6	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 800	68.0	75.6	79.2	81.4	82.6	82.9	83.7	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 700	68.6	76.6	80.4	82.8	84.0	84.3	85.2	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 600	69.8	77.8	81.9	84.6	86.2	86.5	87.6	88.2	88.3	88.5	88.6	88.6	88.8	88.8	88.8	88.8
GE 500	70.1	78.4	83.4	86.8	88.9	89.2	90.9	91.6	91.8	92.5	93.0	93.1	93.7	93.7	93.7	93.7
GE 400	70.2	78.7	84.1	87.7	90.3	90.6	92.4	93.4	93.6	94.3	94.8	94.9	95.5	95.5	95.5	95.5
GE 300	70.2	78.7	84.1	87.7	90.3	90.6	92.5	93.9	94.2	95.4	95.8	96.0	96.6	96.6	96.6	96.6
GE 200	70.2	78.7	84.3	87.9	90.4	90.7	92.7	94.0	94.3	95.7	96.3	96.7	98.1	98.1	98.2	98.2
GE 100	70.2	78.7	84.3	87.9	90.4	90.7	92.7	94.0	94.3	96.0	96.6	97.0	98.5	98.5	99.0	99.7
GE 000	70.2	78.7	84.3	87.9	90.4	90.7	92.7	94.0	94.3	96.0	96.6	97.0	98.5	98.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 668

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.4	40.0	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
GE 20000	49.4	51.1	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 18000	49.4	51.1	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 16000	49.4	51.1	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 14000	49.4	51.1	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 12000	50.1	51.9	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 10000	53.7	55.4	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 9000	54.4	56.1	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 8000	57.6	59.9	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 7000	57.7	60.0	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 6000	58.0	60.3	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 5000	58.9	61.1	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 4500	60.3	62.6	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 4000	62.6	65.1	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 3500	64.3	66.9	67.7	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 3000	68.1	70.9	71.7	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 2500	70.6	73.7	75.1	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 2000	72.7	76.1	77.6	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 1800	72.7	76.1	77.6	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 1500	77.1	80.7	82.1	82.9	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 1200	78.7	82.6	84.4	85.4	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1000	80.3	84.7	86.7	87.7	88.7	88.7	88.9	88.9	88.9	89.1	89.3	89.3	89.3	89.3	89.3	89.3
GE 900	80.3	84.9	87.1	88.4	89.4	89.4	89.6	89.6	89.6	90.0	90.1	90.1	90.3	90.3	90.3	90.3
GE 800	80.9	85.9	88.6	89.9	91.1	91.3	91.4	91.4	91.4	92.0	92.1	92.1	92.3	92.3	92.3	92.3
GE 700	81.4	86.7	89.4	90.7	92.3	92.4	92.6	92.6	92.6	93.1	93.3	93.3	93.4	93.4	93.4	93.4
GE 600	82.0	87.7	90.4	91.9	93.7	93.9	94.3	94.6	94.6	95.3	95.6	95.6	95.7	95.7	95.7	95.7
GE 500	82.4	88.3	91.1	92.9	95.0	95.1	95.6	95.9	95.9	96.9	97.3	97.3	97.4	97.4	97.4	97.4
GE 400	82.6	88.4	91.4	93.1	95.4	95.6	96.1	96.4	96.4	97.6	98.0	98.0	98.3	98.3	98.3	98.3
GE 300	82.6	88.4	91.4	93.1	95.6	95.7	96.3	97.0	97.0	98.3	98.7	98.7	99.0	99.0	99.0	99.0
GE 200	82.6	88.4	91.4	93.1	95.6	95.7	96.3	97.0	97.0	98.3	99.1	99.1	99.7	99.7	99.7	99.9
GE 100	82.6	88.4	91.4	93.1	95.6	95.7	96.3	97.0	97.0	98.3	99.1	99.1	99.7	99.7	99.9	100.0
GE 000	82.6	88.4	91.4	93.1	95.6	95.7	96.3	97.0	97.0	98.3	99.1	99.1	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 700

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.2	45.3	45.4	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 20000	52.3	53.7	53.8	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 18000	52.5	53.8	54.0	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 16000	52.5	53.8	54.0	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 14000	52.5	53.8	54.0	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 12000	53.1	54.4	54.6	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 10000	56.1	57.4	57.6	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 9000	56.8	58.2	58.3	58.5	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 8000	61.0	62.8	63.0	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 7000	61.9	63.7	63.9	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 6000	63.0	64.8	64.9	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 5000	64.2	66.1	66.3	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 4500	65.7	67.8	67.9	68.2	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 4000	66.6	68.8	69.0	69.3	69.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 3500	68.7	71.1	71.5	71.8	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 3000	72.3	74.7	75.6	75.9	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 2500	73.8	76.8	78.0	78.3	78.7	78.7	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 2000	75.4	78.4	79.9	80.2	80.8	80.8	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 1800	75.6	78.6	80.1	80.4	81.0	81.0	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 1500	78.9	81.9	83.5	83.8	84.4	84.4	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 1200	80.1	83.4	85.2	85.5	86.1	86.1	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1000	81.1	85.0	86.8	87.4	88.0	88.0	88.6	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 900	81.3	85.5	87.6	88.2	89.1	89.1	89.7	90.0	90.0	90.1	90.3	90.3	90.3	90.3	90.3	90.3
GE 800	81.3	85.5	87.9	88.5	89.8	89.8	90.4	90.7	90.7	91.0	91.2	91.2	91.2	91.2	91.2	91.2
GE 700	82.0	86.4	88.9	89.8	91.6	91.6	92.2	92.7	92.7	93.3	93.4	93.4	93.4	93.4	93.4	93.4
GE 600	82.0	86.5	89.1	90.0	92.2	92.4	93.0	93.7	93.9	94.6	94.8	94.8	94.8	94.8	94.8	94.8
GE 500	82.3	87.0	89.5	90.4	92.8	93.0	93.6	94.3	94.6	95.8	96.1	96.1	96.1	96.1	96.1	96.1
GE 400	82.5	87.6	90.9	91.9	94.5	94.6	95.4	96.1	96.4	97.6	98.1	98.1	98.1	98.1	98.1	98.1
GE 300	82.8	87.9	91.2	92.2	94.8	94.9	95.7	97.2	97.6	98.8	99.3	99.4	99.4	99.4	99.4	99.4
GE 200	82.8	87.9	91.2	92.2	94.8	94.9	95.7	97.2	97.6	98.8	99.6	99.9	99.9	99.9	99.9	99.9
GE 100	82.8	87.9	91.2	92.2	94.8	94.9	95.7	97.2	97.6	98.8	99.6	99.9	99.9	99.9	100.0	100.0
GE 000	82.8	87.9	91.2	92.2	94.8	94.9	95.7	97.2	97.6	98.8	99.6	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 667

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.9	52.5	54.4	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 20000	55.7	58.6	60.5	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 18000	55.7	58.6	60.5	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 16000	55.7	58.6	60.5	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 14000	55.7	58.6	60.5	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 12000	56.1	59.0	60.9	61.0	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 10000	57.1	60.2	62.1	62.2	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 9000	58.1	61.2	63.1	63.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 8000	62.2	66.0	67.9	68.0	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 7000	62.9	66.7	68.5	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 6000	63.6	67.4	69.2	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 5000	65.3	69.2	71.3	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 4500	66.0	69.9	72.0	72.1	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 4000	67.5	72.1	74.2	74.5	74.9	74.9	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 3500	68.7	73.5	75.7	76.4	76.8	76.8	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 3000	70.1	75.6	78.3	79.5	79.8	79.8	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 2500	71.5	77.1	79.8	81.0	81.4	81.4	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 2000	72.5	78.1	80.9	82.1	82.6	82.6	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 1800	72.6	78.3	81.0	82.2	82.7	82.7	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 1500	74.0	79.7	82.4	83.6	84.1	84.1	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1200	74.9	80.5	83.8	85.0	85.5	85.5	86.0	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 1000	76.1	82.2	85.6	86.8	87.5	87.5	88.0	88.5	88.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 900	76.2	82.4	85.8	87.0	88.0	88.0	88.7	89.2	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 800	76.2	82.7	86.3	87.9	89.4	89.4	89.6	90.3	90.8	90.8	91.3	91.3	91.3	91.3	91.3	91.3
GE 700	76.2	82.7	86.3	87.9	90.3	90.4	91.1	91.6	91.6	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 600	76.4	83.2	87.0	88.9	91.5	91.6	92.3	92.8	92.8	93.3	93.7	94.0	94.0	94.0	94.0	94.0
GE 500	76.6	83.6	87.4	89.4	92.0	92.1	93.2	93.7	93.7	94.7	95.0	95.4	95.4	95.4	95.4	95.4
GE 400	77.1	84.4	88.2	90.3	92.8	93.0	94.0	94.7	94.7	95.7	96.1	96.4	96.8	96.8	96.8	96.8
GE 300	77.3	84.6	88.4	90.4	93.0	93.2	94.2	95.2	95.2	96.9	97.3	97.6	98.3	98.3	98.3	98.3
GE 200	77.3	84.6	88.4	90.4	93.0	93.3	94.4	95.4	95.4	97.3	97.9	98.5	99.8	99.8	99.8	99.8
GE 100	77.3	84.6	88.4	90.4	93.0	93.3	94.4	95.6	95.6	97.4	98.1	98.6	100.0	100.0	100.0	100.0
GE 000	77.3	84.6	88.4	90.4	93.0	93.3	94.4	95.6	95.6	97.4	98.1	98.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 585

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.3	57.8	59.7	61.6	62.2	62.2	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.9	62.9
GE 20000	58.1	61.9	63.8	65.7	66.3	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	67.0	67.0
GE 18000	58.1	61.9	63.8	65.7	66.3	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	67.0	67.0
GE 16000	58.1	61.9	63.8	65.7	66.3	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	67.0	67.0
GE 14000	58.1	61.9	63.8	65.7	66.3	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	67.0	67.0
GE 12000	58.1	61.9	63.8	65.7	66.3	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	67.0	67.0
GE 10000	60.3	64.1	66.0	67.9	68.6	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.2	69.2
GE 9000	62.2	66.0	67.9	69.8	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	71.1	71.1
GE 8000	65.1	69.8	72.1	74.0	74.6	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.2	75.2
GE 7000	65.7	70.5	72.7	74.6	75.2	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.9	75.9
GE 6000	67.0	71.7	74.0	75.9	76.5	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	77.1	77.1
GE 5000	68.9	73.7	75.9	77.8	78.4	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.0	79.0
GE 4500	69.5	74.6	76.8	78.7	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	80.0	80.0
GE 4000	70.2	75.9	78.1	80.3	81.0	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.6	81.6
GE 3500	70.2	75.9	78.1	80.3	81.0	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.6	81.6
GE 3000	71.1	77.5	80.0	82.5	83.2	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.8	83.8
GE 2500	71.4	77.8	80.6	83.2	83.8	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.4	84.4
GE 2000	73.3	80.0	82.9	85.4	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.7	86.7
GE 1800	73.7	80.3	83.5	86.0	86.7	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.3	87.3
GE 1500	74.3	81.0	84.1	86.7	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.9	87.9
GE 1200	74.9	81.6	85.1	87.9	88.9	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.5	89.5
GE 1000	75.6	82.2	86.0	88.9	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	91.1	91.1
GE 900	75.6	82.9	86.7	89.5	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.7	91.7
GE 800	75.6	82.9	86.7	89.5	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	92.1	92.1
GE 700	75.6	83.2	87.3	90.2	92.7	92.7	93.0	93.0	93.0	93.0	93.3	93.7	93.7	93.7	94.0	94.0
GE 600	76.2	83.8	88.6	91.4	94.3	94.3	94.6	94.6	94.6	94.6	94.9	95.2	95.2	95.2	95.6	95.6
GE 500	76.5	84.1	89.2	92.1	95.2	95.2	95.6	95.9	95.9	95.9	96.2	96.5	96.5	96.5	96.8	96.8
GE 400	76.8	84.8	89.8	92.7	95.9	95.9	96.8	97.1	97.1	97.1	97.5	97.8	97.8	97.8	98.1	98.1
GE 300	76.8	84.8	89.8	92.7	95.9	95.9	97.1	97.5	97.5	97.8	98.1	98.4	98.4	98.4	98.7	98.7
GE 200	76.8	84.8	89.8	92.7	95.9	95.9	97.1	97.5	97.5	97.8	98.1	98.4	98.7	99.0	99.4	99.4
GE 100	76.8	84.8	89.8	92.7	95.9	95.9	97.1	97.5	97.5	97.8	98.4	98.7	99.0	99.4	100.0	100.0
GE 000	76.8	84.8	89.8	92.7	95.9	95.9	97.1	97.5	97.5	97.8	98.4	98.7	99.0	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 315

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB HOURS: ALL

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.5	45.4	46.3	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.9	46.9
GE 20000	51.0	53.2	54.3	54.6	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 18000	51.0	53.2	54.3	54.6	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 16000	51.0	53.2	54.3	54.6	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 14000	51.0	53.2	54.3	54.6	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 12000	51.6	53.8	54.9	55.2	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.6	55.6
GE 10000	53.8	56.0	57.2	57.5	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 9000	54.8	57.0	58.2	58.5	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 8000	58.1	61.0	62.3	62.7	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 7000	58.9	61.8	63.1	63.6	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 6000	59.5	62.5	63.7	64.2	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 5000	60.9	63.9	65.2	65.7	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 4500	61.9	65.0	66.3	66.8	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3
GE 4000	63.4	66.8	68.2	68.8	69.2	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 3500	64.6	68.1	69.6	70.3	70.7	70.7	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 3000	67.3	71.1	72.9	73.8	74.2	74.2	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 2500	69.0	73.2	75.2	76.1	76.6	76.6	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 2000	70.4	74.8	77.0	78.0	78.5	78.5	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0
GE 1800	70.5	74.9	77.1	78.1	78.7	78.7	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 1500	73.3	77.9	80.1	81.2	81.8	81.8	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3
GE 1200	74.6	79.5	82.1	83.4	84.1	84.1	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7
GE 1000	75.6	81.0	83.7	85.1	86.0	86.1	86.5	86.7	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0
GE 900	75.9	81.6	84.6	86.1	87.1	87.2	87.7	87.9	87.9	88.2	88.3	88.3	88.3	88.3	88.3	88.3
GE 800	76.2	82.1	85.3	87.0	88.4	88.5	89.1	89.4	89.4	89.7	89.8	89.8	89.8	89.8	89.9	89.9
GE 700	76.6	82.8	86.1	87.8	89.7	89.8	90.4	90.7	90.7	91.1	91.2	91.3	91.3	91.3	91.3	91.3
GE 600	77.1	83.5	87.0	88.9	91.0	91.2	91.9	92.4	92.5	93.0	93.2	93.3	93.4	93.4	93.4	93.4
GE 500	77.4	83.9	87.7	89.9	92.3	92.5	93.4	94.0	94.1	95.0	95.4	95.5	95.7	95.7	95.7	95.7
GE 400	77.7	84.4	88.5	90.7	93.3	93.5	94.6	95.3	95.4	96.3	96.7	96.9	97.1	97.1	97.2	97.2
GE 300	77.8	84.5	88.6	90.8	93.5	93.6	94.8	95.9	96.1	97.3	97.7	97.9	98.3	98.3	98.3	98.3
GE 200	77.8	84.5	88.6	90.9	93.5	93.7	94.9	96.0	96.2	97.5	98.2	98.5	99.2	99.3	99.3	99.4
GE 100	77.8	84.5	88.6	90.9	93.5	93.7	94.9	96.1	96.2	97.6	98.3	98.6	99.4	99.4	99.7	99.9
GE 000	77.8	84.5	88.6	90.9	93.5	93.7	94.9	96.1	96.2	97.6	98.3	98.6	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 3005

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246 STATION NAME: DUKE FLD/EGLIN AUX FL PERIOD OF RECORD: APR 81 - MAR 91
LST TO UTC: + 6 MONTH: MAR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 20000	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 18000	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 16000	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 14000	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 12000	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 10000	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 9000	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 8000	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 7000	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 6000	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 5000	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 4500	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 4000	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 3500	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 3000	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 2500	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 2000	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1800	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1500	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1200	81.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1000	90.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	90.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	90.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	90.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	90.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	90.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	90.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	90.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	90.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	90.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	90.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 11

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 20000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 18000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 16000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 14000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 12000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 10000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 9000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 8000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 7000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 6000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 5000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 4500	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 4000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 3500	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 3000	77.8	77.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 2500	77.8	77.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 2000	77.8	77.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1800	77.8	77.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1500	77.8	77.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1200	77.8	77.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1000	77.8	77.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 900	77.8	77.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 800	77.8	77.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 700	77.8	77.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 600	77.8	77.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 500	77.8	77.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 400	77.8	77.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 300	77.8	77.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	77.8	77.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	77.8	77.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	77.8	77.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 9

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	26.3	35.5	38.2	39.5	40.8	40.8	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	43.4
GE 20000	30.3	40.8	44.7	46.1	47.4	47.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	50.0
GE 18000	30.3	40.8	44.7	46.1	47.4	47.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	50.0
GE 16000	30.3	40.8	44.7	46.1	47.4	47.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	50.0
GE 14000	30.3	40.8	44.7	46.1	47.4	47.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	50.0
GE 12000	32.9	43.4	48.7	50.0	51.3	51.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	53.9
GE 10000	34.2	44.7	52.6	53.9	55.3	55.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	57.9
GE 9000	34.2	46.1	53.9	55.3	56.6	56.6	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	59.2
GE 8000	35.5	48.7	56.6	57.9	59.2	59.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	61.8
GE 7000	35.5	48.7	56.6	57.9	59.2	59.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	61.8
GE 6000	35.5	48.7	56.6	57.9	59.2	59.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	61.8
GE 5000	36.8	50.0	57.9	59.2	60.5	60.5	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	63.2
GE 4500	36.8	50.0	57.9	59.2	60.5	60.5	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	63.2
GE 4000	38.2	53.9	61.8	63.2	64.5	64.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	67.1
GE 3500	38.2	55.3	63.2	64.5	65.8	65.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	68.4
GE 3000	39.5	56.6	64.5	65.8	67.1	67.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	69.7
GE 2500	42.1	59.2	69.7	71.1	72.4	72.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	75.0
GE 2000	43.4	60.5	71.1	72.4	73.7	73.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	76.3
GE 1800	43.4	60.5	71.1	72.4	73.7	73.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	76.3
GE 1500	43.4	60.5	71.1	72.4	73.7	73.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	76.3
GE 1200	43.4	60.5	71.1	72.4	73.7	73.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	76.3
GE 1000	43.4	61.8	73.7	75.0	76.3	76.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	78.9
GE 900	44.7	64.5	76.3	77.6	78.9	78.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	81.6
GE 800	44.7	64.5	76.3	77.6	78.9	78.9	80.3	80.3	80.3	81.6	81.6	81.6	81.6	81.6	81.6	82.9
GE 700	44.7	64.5	77.6	78.9	80.3	80.3	81.6	81.6	81.6	82.9	82.9	82.9	82.9	82.9	82.9	84.2
GE 600	44.7	64.5	77.6	78.9	80.3	80.3	81.6	81.6	81.6	82.9	82.9	82.9	82.9	82.9	82.9	84.2
GE 500	44.7	64.5	77.6	78.9	80.3	80.3	81.6	81.6	81.6	84.2	84.2	84.2	84.2	84.2	84.2	85.5
GE 400	44.7	64.5	77.6	80.3	82.9	82.9	84.2	86.8	86.8	89.5	90.8	90.8	90.8	90.8	90.8	92.1
GE 300	44.7	65.8	78.9	82.9	85.5	85.5	86.8	90.8	90.8	93.4	94.7	94.7	94.7	94.7	94.7	96.1
GE 200	44.7	65.8	78.9	82.9	85.5	85.5	86.8	90.8	90.8	93.4	96.1	96.1	96.1	96.1	96.1	97.4
GE 100	44.7	65.8	78.9	82.9	85.5	85.5	86.8	90.8	90.8	93.4	97.4	97.4	97.4	97.4	97.4	100.0
GE 000	44.7	65.8	78.9	82.9	85.5	85.5	86.8	90.8	90.8	93.4	97.4	97.4	97.4	97.4	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 76

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.9	45.4	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 20000	52.7	55.3	56.1	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 18000	52.7	55.3	56.1	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 16000	52.7	55.3	56.1	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 14000	52.8	55.4	56.2	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 12000	53.2	56.2	57.1	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 10000	55.1	58.2	59.2	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 9000	55.3	58.4	59.3	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 8000	56.6	60.0	60.9	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 7000	57.1	60.8	61.7	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 6000	57.3	60.9	61.9	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 5000	57.4	61.2	62.1	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 4500	57.7	61.5	62.4	62.7	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 4000	59.2	62.9	63.9	64.3	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 3500	60.1	63.9	64.8	65.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 3000	62.4	66.4	67.4	68.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 2500	64.7	68.7	69.7	70.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 2000	67.5	72.4	73.6	74.4	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 1800	68.7	73.6	74.8	75.6	76.8	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 1500	71.8	78.2	79.8	81.0	82.3	82.5	82.5	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 1200	73.0	79.6	81.5	82.9	84.2	84.4	84.5	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1000	75.7	83.3	85.8	87.3	88.8	89.1	89.2	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 900	77.1	84.9	87.6	89.1	90.6	90.8	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 800	77.8	85.8	88.8	90.4	92.0	92.3	92.5	92.7	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 700	78.2	86.7	89.8	91.4	93.1	93.4	93.7	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 600	78.4	87.2	90.4	92.5	94.2	94.7	95.0	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 500	79.0	87.7	91.1	93.1	94.9	95.7	96.1	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 400	79.0	88.0	91.8	93.8	95.7	96.5	97.2	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 300	79.0	88.1	91.9	94.1	96.0	96.8	97.6	98.2	98.5	99.2	99.2	99.2	99.2	99.2	99.3	99.6
GE 200	79.0	88.1	91.9	94.1	96.0	96.8	97.6	98.2	98.5	99.2	99.3	99.3	99.3	99.3	99.5	99.9
GE 100	79.0	88.1	91.9	94.1	96.0	96.8	97.6	98.2	98.5	99.2	99.3	99.3	99.3	99.3	99.6	100.0
GE 000	79.0	88.1	91.9	94.1	96.0	96.8	97.6	98.2	98.5	99.2	99.3	99.3	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 742

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.7	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 20000	59.9	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 18000	60.1	60.8	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 16000	60.1	60.8	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 14000	60.5	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 12000	60.7	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 10000	62.8	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 9000	63.2	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 8000	65.6	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 7000	66.0	66.8	67.0	67.0	67.0	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 6000	66.2	67.0	67.3	67.3	67.3	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 5000	66.8	67.5	67.8	67.9	67.9	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 4500	66.9	67.7	67.9	68.0	68.0	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 4000	69.2	70.1	70.3	70.5	70.6	70.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 3500	71.0	71.9	72.3	72.4	72.5	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 3000	73.0	73.9	74.6	74.7	75.0	75.1	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 2500	76.3	77.4	78.0	78.3	78.6	78.7	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 2000	78.9	81.5	82.4	82.9	83.2	83.3	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 1800	79.8	82.4	83.3	83.8	84.1	84.2	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 1500	81.8	85.4	86.5	87.0	87.4	87.5	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1200	83.6	87.4	88.7	89.2	89.6	89.7	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 1000	85.1	89.9	91.3	91.9	92.4	92.6	93.2	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 900	86.0	90.9	92.4	93.1	93.6	93.7	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 800	86.3	91.7	93.3	94.2	95.0	95.1	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 700	86.3	91.9	93.7	94.7	95.6	95.8	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 600	86.5	92.2	94.2	95.4	96.5	96.8	97.4	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 500	86.6	92.3	94.4	95.6	97.0	97.3	97.9	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	86.6	92.3	94.4	95.6	97.0	97.6	98.5	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	86.6	92.3	94.4	95.6	97.0	97.6	98.5	99.4	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE 200	86.6	92.3	94.4	95.6	97.0	97.6	98.5	99.4	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE 100	86.6	92.3	94.4	95.6	97.0	97.6	98.5	99.4	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE 000	86.6	92.3	94.4	95.6	97.0	97.6	98.5	99.4	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 779

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.0	52.5	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 20000	64.7	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 18000	64.7	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 16000	64.7	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 14000	64.8	65.8	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 12000	65.2	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 10000	67.3	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 9000	67.7	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 8000	70.1	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 7000	70.8	72.1	72.4	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 6000	71.0	72.3	72.7	72.7	72.7	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 5000	71.9	73.2	73.6	73.6	73.6	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 4500	72.1	73.4	73.7	73.7	73.7	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 4000	72.8	74.1	74.5	74.5	74.5	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 3500	74.4	75.7	76.1	76.1	76.1	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 3000	76.7	78.3	78.8	78.8	78.8	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 2500	80.1	82.0	82.7	82.9	82.9	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 2000	81.8	84.1	84.9	85.1	85.1	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1800	81.9	84.2	85.1	85.4	85.4	85.5	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 1500	84.1	87.2	88.2	88.6	88.7	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1200	85.4	88.9	90.2	90.6	90.7	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1000	85.6	89.4	90.8	91.3	91.5	91.7	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 900	85.9	89.8	91.3	92.0	92.5	92.8	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 800	86.4	90.8	92.8	93.4	94.2	94.4	95.0	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 700	86.7	91.3	93.4	94.2	95.1	95.5	96.0	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 600	86.9	91.7	93.9	94.7	95.6	96.0	96.8	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 500	87.2	92.0	94.2	95.0	96.0	96.5	97.4	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 400	87.2	92.0	94.2	95.0	96.5	97.2	98.4	99.0	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	87.2	92.0	94.2	95.0	96.5	97.3	98.7	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	87.2	92.0	94.2	95.0	96.5	97.3	98.7	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	87.2	92.0	94.2	95.0	96.5	97.3	98.7	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	87.2	92.0	94.2	95.0	96.5	97.3	98.7	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 773

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.3	56.7	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 20000	63.8	66.6	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 18000	63.8	66.6	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 16000	63.8	66.6	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 14000	63.8	66.6	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 12000	64.2	67.0	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 10000	65.7	68.5	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 9000	66.3	69.1	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 8000	68.3	71.3	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 7000	69.4	72.3	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 6000	69.5	72.5	73.2	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 5000	71.1	74.1	74.8	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 4500	71.3	74.2	75.0	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 4000	71.4	74.5	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 3500	72.2	75.3	76.1	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 3000	73.2	76.4	77.3	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 2500	75.4	78.9	80.0	80.1	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 2000	76.7	80.7	81.9	82.0	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 1800	77.3	81.3	82.5	82.6	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 1500	79.5	83.7	85.0	85.1	85.7	85.7	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 1200	80.1	84.7	86.3	86.7	87.3	87.3	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1000	80.6	85.3	87.8	88.4	89.0	89.0	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 900	80.9	85.9	88.5	89.2	89.8	90.0	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 800	81.1	86.3	89.2	90.3	91.0	91.5	92.0	92.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 700	81.3	86.5	89.8	91.0	92.2	92.6	93.2	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 600	81.4	86.9	90.7	92.2	93.5	94.0	94.7	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 500	81.4	86.9	90.7	92.5	94.1	94.7	95.9	96.2	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 400	81.6	87.0	91.2	92.9	94.8	95.4	96.6	97.6	97.6	98.4	98.5	98.5	98.7	98.7	98.7	98.7
GE 300	81.6	87.0	91.2	92.9	94.8	95.4	96.6	97.6	97.6	98.4	98.7	98.7	98.8	98.8	99.0	99.1
GE 200	81.6	87.0	91.2	92.9	94.8	95.4	96.6	97.6	97.6	98.4	98.7	98.7	99.0	99.0	99.1	99.4
GE 100	81.6	87.0	91.2	92.9	94.8	95.4	96.6	97.6	97.6	98.4	98.7	98.7	99.4	99.4	99.6	100.0
GE 000	81.6	87.0	91.2	92.9	94.8	95.4	96.6	97.6	97.6	98.4	98.7	98.7	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 679

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.5	61.0	62.5	64.1	64.6	64.8	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 20000	64.1	68.1	69.9	71.6	72.2	72.4	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 18000	64.1	68.1	69.9	71.6	72.2	72.4	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 16000	64.1	68.1	69.9	71.6	72.2	72.4	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 14000	64.3	68.4	70.1	71.9	72.4	72.7	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 12000	64.3	68.4	70.1	71.9	72.4	72.7	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 10000	64.8	68.9	70.6	72.4	72.9	73.2	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 9000	65.6	69.6	71.4	73.2	73.7	73.9	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 8000	67.6	71.6	73.4	75.2	75.7	75.9	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 7000	68.6	72.7	74.4	76.2	76.7	77.0	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 6000	69.6	73.7	75.4	77.2	77.7	78.0	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 5000	72.4	77.0	79.2	81.0	81.5	81.8	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 4500	72.9	77.5	79.7	81.5	82.0	82.3	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 4000	73.4	78.0	80.3	82.0	82.5	82.8	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 3500	74.2	78.7	81.0	82.8	83.3	83.5	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 3000	74.7	79.2	81.5	83.3	83.8	84.1	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 2500	74.7	79.5	81.8	83.5	84.1	84.3	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 2000	76.7	81.5	83.8	85.8	86.6	86.8	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 1800	77.2	82.0	84.3	86.3	87.1	87.3	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1500	78.0	83.0	85.3	87.3	88.1	88.4	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1200	78.2	83.3	85.6	87.6	88.4	88.6	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1000	79.2	84.3	86.8	88.9	89.9	90.1	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 900	79.2	84.6	87.1	89.1	90.1	90.4	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 800	79.5	85.3	88.6	90.6	92.2	92.4	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 700	79.5	85.3	88.9	90.9	93.2	93.4	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 600	80.3	86.1	90.1	93.2	95.4	95.9	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 500	80.3	86.1	90.1	93.2	95.4	95.9	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 400	80.3	86.1	90.1	93.4	96.5	97.2	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	80.3	86.1	90.1	93.4	96.7	97.5	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 200	80.3	86.1	90.1	93.4	96.7	97.5	98.7	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7
GE 100	80.3	86.1	90.1	93.4	96.7	97.5	98.7	99.5	99.5	99.5	99.5	99.7	99.7	100.0	100.0	100.0
GE 000	80.3	86.1	90.1	93.4	96.7	97.5	98.7	99.5	99.5	99.5	99.5	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 395

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.4	52.0	52.5	52.8	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 20000	60.1	62.4	63.1	63.4	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.7
GE 18000	60.2	62.4	63.1	63.4	63.5	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 16000	60.2	62.4	63.1	63.4	63.5	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 14000	60.3	62.6	63.3	63.6	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9
GE 12000	60.7	63.0	63.8	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4
GE 10000	62.4	64.8	65.6	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.2
GE 9000	62.8	65.2	66.0	66.3	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 8000	64.9	67.4	68.2	68.6	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 7000	65.5	68.1	69.0	69.3	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 6000	65.8	68.4	69.3	69.6	69.8	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 5000	66.8	69.5	70.4	70.8	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3
GE 4500	67.0	69.7	70.6	71.0	71.2	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 4000	68.2	71.0	71.9	72.3	72.5	72.6	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 3500	69.3	72.2	73.2	73.5	73.9	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 3000	71.1	74.1	75.2	75.6	76.1	76.2	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 2500	73.6	76.8	78.0	78.5	79.0	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 2000	75.7	79.5	80.9	81.6	82.1	82.2	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 1800	76.3	80.2	81.6	82.2	82.8	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 1500	78.4	83.1	84.7	85.5	86.1	86.2	86.6	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1200	79.5	84.5	86.3	87.1	87.8	87.9	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6
GE 1000	80.7	86.2	88.5	89.4	90.1	90.3	90.8	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 900	81.4	87.1	89.4	90.4	91.3	91.5	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 800	81.8	87.8	90.5	91.7	92.7	93.0	93.5	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 700	82.0	88.2	91.1	92.4	93.7	94.0	94.5	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 600	82.2	88.7	91.8	93.4	94.7	95.2	95.8	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 500	82.4	88.9	92.1	93.7	95.2	95.7	96.6	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 400	82.5	88.9	92.3	94.0	95.8	96.4	97.5	98.3	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	82.5	89.0	92.4	94.1	96.0	96.7	97.7	98.6	98.7	99.2	99.3	99.3	99.4	99.4	99.5	99.6
GE 200	82.5	89.0	92.4	94.1	96.0	96.7	97.7	98.6	98.7	99.2	99.4	99.4	99.5	99.5	99.6	99.8
GE 100	82.5	89.0	92.4	94.1	96.0	96.7	97.7	98.6	98.7	99.2	99.4	99.4	99.7	99.7	99.8	100.0
GE 000	82.5	89.0	92.4	94.1	96.0	96.7	97.7	98.6	98.7	99.2	99.4	99.4	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 3464

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.8	55.6	55.6	63.9	69.4	69.4	72.2	72.2	72.2	72.2	72.2	72.2	75.0	75.0	75.0	75.0
GE 20000	63.9	66.7	66.7	75.0	80.6	80.6	83.3	83.3	86.1	86.1	86.1	86.1	88.9	88.9	88.9	88.9
GE 18000	63.9	66.7	66.7	75.0	80.6	80.6	83.3	83.3	86.1	86.1	86.1	86.1	88.9	88.9	88.9	88.9
GE 16000	63.9	66.7	66.7	75.0	80.6	80.6	83.3	83.3	86.1	86.1	86.1	86.1	88.9	88.9	88.9	88.9
GE 14000	63.9	66.7	66.7	75.0	80.6	80.6	83.3	83.3	86.1	86.1	86.1	86.1	88.9	88.9	88.9	88.9
GE 12000	63.9	66.7	66.7	75.0	80.6	80.6	83.3	83.3	86.1	86.1	86.1	86.1	88.9	88.9	88.9	88.9
GE 10000	63.9	66.7	66.7	75.0	80.6	80.6	83.3	83.3	86.1	86.1	86.1	86.1	88.9	88.9	88.9	88.9
GE 9000	63.9	66.7	66.7	75.0	80.6	80.6	83.3	83.3	86.1	86.1	86.1	86.1	88.9	88.9	88.9	88.9
GE 8000	63.9	66.7	66.7	75.0	80.6	80.6	83.3	83.3	86.1	86.1	86.1	86.1	88.9	88.9	88.9	88.9
GE 7000	63.9	66.7	66.7	75.0	80.6	80.6	83.3	83.3	86.1	86.1	86.1	86.1	88.9	88.9	88.9	88.9
GE 6000	63.9	66.7	66.7	75.0	80.6	80.6	83.3	83.3	86.1	86.1	86.1	86.1	88.9	88.9	88.9	88.9
GE 5000	63.9	66.7	66.7	75.0	80.6	80.6	83.3	83.3	86.1	86.1	86.1	86.1	88.9	88.9	88.9	88.9
GE 4500	63.9	66.7	66.7	75.0	80.6	80.6	83.3	83.3	86.1	86.1	86.1	86.1	88.9	88.9	88.9	88.9
GE 4000	63.9	66.7	66.7	75.0	80.6	80.6	83.3	83.3	86.1	86.1	86.1	86.1	88.9	88.9	88.9	88.9
GE 3500	63.9	66.7	66.7	75.0	80.6	80.6	83.3	83.3	86.1	86.1	86.1	86.1	88.9	88.9	88.9	88.9
GE 3000	63.9	66.7	66.7	75.0	80.6	80.6	83.3	83.3	86.1	86.1	86.1	86.1	88.9	88.9	88.9	88.9
GE 2500	66.7	69.4	69.4	77.8	83.3	83.3	86.1	86.1	88.9	88.9	88.9	88.9	91.7	91.7	91.7	91.7
GE 2000	66.7	69.4	69.4	77.8	83.3	83.3	86.1	86.1	88.9	88.9	88.9	88.9	91.7	91.7	91.7	91.7
GE 1800	66.7	69.4	69.4	77.8	83.3	83.3	86.1	86.1	88.9	88.9	88.9	88.9	91.7	91.7	91.7	91.7
GE 1500	66.7	69.4	69.4	77.8	83.3	83.3	86.1	86.1	88.9	88.9	88.9	88.9	91.7	91.7	91.7	91.7
GE 1200	66.7	69.4	69.4	77.8	83.3	83.3	86.1	86.1	88.9	88.9	88.9	88.9	91.7	91.7	91.7	91.7
GE 1000	66.7	69.4	69.4	77.8	83.3	83.3	86.1	86.1	88.9	88.9	88.9	88.9	91.7	91.7	91.7	91.7
GE 900	66.7	69.4	69.4	77.8	83.3	83.3	86.1	86.1	88.9	88.9	88.9	88.9	91.7	91.7	91.7	91.7
GE 800	66.7	69.4	69.4	77.8	83.3	83.3	86.1	86.1	88.9	88.9	88.9	88.9	91.7	91.7	91.7	91.7
GE 700	66.7	69.4	69.4	77.8	83.3	83.3	86.1	86.1	88.9	88.9	88.9	88.9	91.7	91.7	91.7	91.7
GE 600	66.7	69.4	69.4	77.8	83.3	83.3	86.1	86.1	88.9	88.9	88.9	88.9	91.7	91.7	91.7	91.7
GE 500	66.7	69.4	72.2	80.6	86.1	86.1	88.9	88.9	91.7	91.7	91.7	91.7	94.4	94.4	94.4	94.4
GE 400	66.7	69.4	72.2	80.6	86.1	86.1	88.9	88.9	91.7	91.7	91.7	91.7	94.4	94.4	94.4	94.4
GE 300	66.7	69.4	72.2	80.6	86.1	86.1	88.9	88.9	91.7	91.7	91.7	91.7	94.4	94.4	94.4	94.4
GE 200	66.7	69.4	72.2	80.6	86.1	86.1	88.9	88.9	91.7	91.7	91.7	91.7	94.4	94.4	94.4	97.2
GE 100	66.7	69.4	72.2	80.6	86.1	86.1	88.9	88.9	91.7	91.7	91.7	91.7	94.4	94.4	94.4	100.0
GE 000	66.7	69.4	72.2	80.6	86.1	86.1	88.9	88.9	91.7	91.7	91.7	91.7	94.4	94.4	94.4	100.0

TOTAL NUMBER OF OBSERVATIONS 36

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	8.3	25.0	33.3	33.3	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 20000	41.7	58.3	66.7	66.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 18000	41.7	58.3	66.7	66.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 16000	41.7	58.3	66.7	66.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 14000	41.7	58.3	66.7	66.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 12000	41.7	58.3	66.7	66.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 10000	50.0	66.7	75.0	75.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 9000	50.0	66.7	75.0	75.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 8000	50.0	66.7	75.0	75.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 7000	50.0	66.7	75.0	75.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 6000	50.0	66.7	75.0	75.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 5000	50.0	66.7	75.0	75.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 4500	50.0	66.7	75.0	75.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 4000	50.0	66.7	75.0	75.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 3500	50.0	66.7	75.0	75.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 3000	50.0	66.7	75.0	75.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 2500	50.0	66.7	75.0	75.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 2000	50.0	75.0	83.3	83.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1800	50.0	75.0	83.3	83.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1500	50.0	75.0	83.3	83.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1200	50.0	75.0	83.3	83.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1000	50.0	75.0	83.3	83.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 900	50.0	75.0	83.3	83.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 800	50.0	75.0	83.3	83.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 700	50.0	75.0	83.3	83.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 600	50.0	75.0	83.3	83.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 500	50.0	75.0	83.3	83.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 400	50.0	75.0	83.3	83.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 300	50.0	75.0	83.3	83.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 200	50.0	75.0	83.3	83.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 100	50.0	75.0	83.3	83.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	100.0	100.0
GE 000	50.0	75.0	83.3	83.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 12

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.3	51.6	52.7	53.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 20000	53.8	59.2	60.9	61.4	62.5	62.5	62.5	62.5	62.5	62.5	63.0	63.0	64.1	64.1	64.1	64.1
GE 18000	53.8	59.2	60.9	61.4	62.5	62.5	62.5	63.0	63.0	63.0	63.6	63.6	64.7	64.7	64.7	64.7
GE 16000	53.8	59.2	60.9	61.4	62.5	62.5	62.5	63.0	63.0	63.0	63.6	63.6	64.7	64.7	64.7	64.7
GE 14000	53.8	59.2	60.9	61.4	62.5	62.5	62.5	63.0	63.0	63.0	63.6	63.6	64.7	64.7	64.7	64.7
GE 12000	53.8	59.8	61.4	62.0	63.0	63.0	63.0	63.6	63.6	63.6	64.1	64.1	65.2	65.2	65.2	65.2
GE 10000	54.9	60.9	62.5	63.0	64.1	64.1	64.1	64.7	64.7	64.7	65.2	65.2	66.3	66.3	66.3	66.3
GE 9000	54.9	60.9	62.5	63.0	64.1	64.1	64.1	64.7	64.7	64.7	65.2	65.2	66.3	66.3	66.3	66.3
GE 8000	56.0	62.5	64.1	64.7	65.8	65.8	65.8	66.3	66.3	66.3	66.8	66.8	67.9	67.9	67.9	67.9
GE 7000	56.5	63.0	64.7	65.2	66.3	66.3	66.3	66.8	66.8	66.8	67.4	67.4	68.5	68.5	68.5	68.5
GE 6000	56.5	63.6	65.2	65.8	66.8	66.8	66.8	67.4	67.4	67.4	67.9	67.9	69.0	69.0	69.0	69.0
GE 5000	57.1	64.1	65.8	66.3	67.4	67.4	67.4	67.9	67.9	67.9	68.5	68.5	69.6	69.6	69.6	69.6
GE 4500	57.1	64.1	65.8	66.3	67.4	67.4	67.4	67.9	67.9	67.9	68.5	68.5	69.6	69.6	69.6	69.6
GE 4000	57.6	64.7	66.3	66.8	67.9	67.9	67.9	68.5	68.5	68.5	69.0	69.0	70.1	70.1	70.1	70.1
GE 3500	57.6	64.7	66.3	66.8	67.9	67.9	67.9	68.5	68.5	68.5	69.0	69.0	70.1	70.1	70.1	70.1
GE 3000	58.7	66.3	67.9	68.5	69.6	69.6	69.6	70.1	70.1	70.1	70.7	70.7	71.7	71.7	71.7	71.7
GE 2500	59.2	66.8	68.5	69.6	71.2	71.2	71.2	71.7	71.7	71.7	72.3	72.3	73.4	73.4	73.4	73.4
GE 2000	60.3	68.5	70.1	72.8	74.5	74.5	74.5	75.0	75.0	75.0	75.5	75.5	76.6	76.6	76.6	76.6
GE 1800	60.3	68.5	70.1	72.8	74.5	74.5	74.5	75.0	75.0	75.0	75.5	75.5	76.6	76.6	76.6	76.6
GE 1500	63.0	71.7	73.9	77.2	78.8	78.8	78.8	79.3	79.3	79.3	79.9	79.9	81.0	81.0	81.0	81.0
GE 1200	63.6	73.4	75.5	78.8	80.4	80.4	80.4	81.0	81.0	81.0	81.5	81.5	82.6	82.6	82.6	82.6
GE 1000	64.7	74.5	77.7	82.6	84.2	84.2	84.2	84.8	84.8	84.8	85.3	85.3	86.4	86.4	86.4	86.4
GE 900	65.8	76.1	79.3	84.2	85.9	85.9	85.9	86.4	86.4	86.4	87.0	87.0	88.0	88.0	88.0	88.0
GE 800	65.8	76.1	79.3	84.2	85.9	85.9	85.9	86.4	86.4	86.4	87.0	87.0	88.0	88.0	88.0	88.0
GE 700	65.8	76.6	79.9	84.8	86.4	86.4	86.4	87.0	87.0	87.0	87.5	87.5	88.6	88.6	88.6	88.6
GE 600	65.8	77.2	80.4	85.3	87.0	87.0	87.5	88.0	88.0	89.1	89.7	89.7	90.8	90.8	90.8	90.8
GE 500	65.8	78.3	81.5	86.4	89.1	89.1	89.7	90.2	90.2	91.8	92.9	92.9	94.0	94.0	94.0	94.0
GE 400	65.8	78.8	82.1	87.0	89.7	89.7	90.2	90.8	90.8	92.4	93.5	93.5	94.6	94.6	94.6	94.6
GE 300	65.8	78.8	82.6	88.0	91.3	91.3	91.8	92.4	92.4	94.0	95.7	96.2	97.3	97.3	97.8	97.8
GE 200	65.8	78.8	82.6	88.0	91.3	91.3	91.8	92.4	92.4	94.0	95.7	96.2	97.3	97.3	98.4	98.4
GE 100	65.8	78.8	82.6	88.0	91.3	91.3	91.8	92.4	92.4	94.0	95.7	96.2	97.3	97.3	98.9	100.0
GE 000	65.8	78.8	82.6	88.0	91.3	91.3	91.8	92.4	92.4	94.0	95.7	96.2	97.3	97.3	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 184

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.7	56.6	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 20000	64.3	65.6	66.0	66.1	66.1	66.1	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 18000	64.5	65.7	66.1	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 16000	64.5	65.8	66.4	66.5	66.5	66.5	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 14000	64.6	66.0	66.5	66.7	66.7	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 12000	65.3	66.7	67.2	67.4	67.4	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 10000	67.2	68.9	69.4	69.6	69.6	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 9000	67.5	69.3	69.8	70.0	70.0	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 8000	70.5	72.3	72.9	73.0	73.0	73.0	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 7000	71.1	72.9	73.4	73.6	73.6	73.6	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 6000	71.5	73.3	73.9	74.0	74.0	74.0	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 5000	71.8	73.6	74.3	74.4	74.4	74.4	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 4500	72.1	73.9	74.6	74.7	74.7	74.7	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 4000	73.3	75.2	75.9	76.1	76.1	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 3500	74.3	76.2	77.0	77.2	77.2	77.2	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 3000	77.3	79.4	80.5	80.6	80.9	80.9	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 2500	80.5	83.0	84.1	84.2	84.5	84.5	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 2000	83.1	85.6	86.7	86.9	87.3	87.4	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1800	83.4	85.9	87.0	87.1	87.6	87.7	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1500	86.0	88.7	89.9	90.2	90.7	90.9	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1200	87.6	91.4	92.8	93.2	93.8	93.9	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1000	88.0	92.0	93.8	94.2	94.9	95.2	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 900	88.4	92.9	94.9	95.3	96.1	96.4	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 800	88.5	93.2	95.2	95.6	96.4	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 700	88.8	93.6	95.7	96.3	97.4	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 600	89.1	94.1	96.1	96.7	97.9	98.3	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	89.1	94.1	96.1	96.7	98.1	98.5	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	89.1	94.1	96.3	96.8	98.2	98.6	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	89.1	94.1	96.3	96.8	98.3	98.8	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	89.1	94.1	96.3	96.8	98.3	98.8	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	89.1	94.1	96.3	96.8	98.3	98.8	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	89.1	94.1	96.3	96.8	98.3	98.8	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 723

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.0	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 20000	65.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 18000	66.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 16000	66.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 14000	66.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 12000	66.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 10000	69.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 9000	69.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 8000	71.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 7000	72.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 6000	72.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 5000	73.1	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 4500	73.6	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 4000	74.5	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 3500	77.4	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 3000	83.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 2500	86.2	88.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 2000	89.8	92.2	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1800	90.7	93.3	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1500	91.5	94.3	95.0	95.1	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1200	92.0	95.2	96.2	96.4	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1000	92.5	96.0	97.3	97.4	97.9	97.9	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 900	92.6	96.1	97.4	97.5	98.1	98.1	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	92.8	96.2	97.5	97.7	98.4	98.4	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	92.9	96.4	97.7	97.9	98.7	98.7	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	93.1	96.8	98.1	98.3	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	93.1	96.8	98.1	98.3	99.2	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	93.1	96.8	98.1	98.3	99.2	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	93.1	96.8	98.1	98.3	99.2	99.2	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	93.1	96.8	98.1	98.3	99.2	99.2	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	93.1	96.8	98.1	98.3	99.2	99.2	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	93.1	96.8	98.1	98.3	99.2	99.2	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 773

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.1	57.4	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 20000	69.9	72.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 18000	70.1	72.2	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 16000	70.1	72.2	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 14000	70.5	72.5	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 12000	71.0	73.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 10000	72.8	74.9	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 9000	73.4	75.5	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 8000	77.1	79.3	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 7000	77.5	79.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 6000	77.8	80.1	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 5000	78.9	81.1	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 4500	79.5	81.7	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 4000	80.4	82.6	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 3500	82.8	85.0	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 3000	86.0	88.6	90.0	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 2500	87.4	90.4	91.8	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 2000	89.5	92.7	94.4	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1800	89.9	93.1	94.8	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1500	90.4	93.8	95.9	96.1	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1200	90.9	94.6	96.9	97.2	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	91.2	94.8	97.3	97.5	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 900	91.3	95.1	97.5	97.8	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	91.3	95.2	98.1	98.3	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	91.5	95.3	98.2	98.6	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	91.5	95.5	98.3	98.8	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	91.6	95.6	98.4	99.0	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	91.8	95.9	98.7	99.2	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	91.8	95.9	98.7	99.2	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	91.8	95.9	98.7	99.2	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.8	95.9	98.7	99.2	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	91.8	95.9	98.7	99.2	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 772

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.5	64.1	64.7	65.1	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 20000	71.6	75.1	75.8	76.3	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 18000	72.2	75.7	76.6	77.1	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 16000	72.2	75.7	76.6	77.1	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 14000	72.5	76.0	76.9	77.4	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 12000	73.1	76.6	77.5	78.0	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 10000	75.8	79.4	80.3	80.7	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 9000	76.6	80.1	81.0	81.5	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 8000	79.4	83.0	84.1	84.7	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 7000	80.0	83.6	84.7	85.3	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 6000	80.1	83.8	84.9	85.5	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 5000	80.6	84.3	85.3	85.9	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 4500	80.6	84.3	85.3	85.9	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 4000	81.7	85.6	86.9	87.5	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 3500	82.0	85.9	87.2	88.2	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 3000	82.9	87.0	88.2	89.4	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 2500	83.6	87.8	89.3	90.7	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 2000	83.6	87.8	89.3	90.7	91.1	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1800	83.6	87.9	89.6	91.0	91.4	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1500	85.0	89.4	91.1	92.7	93.6	93.7	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1200	85.5	90.2	92.0	93.6	94.5	94.6	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1000	86.4	91.6	93.4	95.0	95.9	96.0	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 900	86.7	91.9	93.7	95.4	96.3	96.5	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 800	86.9	92.0	94.0	95.7	96.6	96.8	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 700	86.9	92.2	94.2	95.9	96.8	96.9	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	87.6	93.0	95.1	96.8	97.9	98.0	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	87.8	93.3	95.4	97.6	98.6	98.8	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	87.8	93.3	95.4	97.6	98.6	98.8	99.1	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	87.8	93.3	95.4	97.6	98.6	98.8	99.1	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	87.8	93.3	95.4	97.6	98.6	98.8	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	87.8	93.3	95.4	97.6	98.6	98.8	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	87.8	93.3	95.4	97.6	98.6	98.8	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 654

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.3	64.9	67.1	69.4	72.0	72.0	72.3	72.9	73.1	73.4	74.0	74.0	74.6	74.6	74.6	74.6
GE 20000	65.7	69.1	71.4	73.7	76.6	76.6	76.9	77.4	77.7	78.0	78.6	78.6	79.1	79.1	79.1	79.1
GE 18000	66.0	69.4	71.7	74.0	76.9	76.9	77.1	77.7	78.0	78.3	78.9	78.9	79.4	79.4	79.4	79.4
GE 16000	66.0	69.4	71.7	74.0	76.9	76.9	77.1	77.7	78.0	78.3	78.9	78.9	79.4	79.4	79.4	79.4
GE 14000	66.0	69.4	71.7	74.0	76.9	76.9	77.1	77.7	78.0	78.3	78.9	78.9	79.4	79.4	79.4	79.4
GE 12000	66.0	69.4	71.7	74.0	76.9	76.9	77.1	77.7	78.0	78.3	78.9	78.9	79.4	79.4	79.4	79.4
GE 10000	67.1	70.6	72.9	75.1	78.0	78.0	78.3	78.9	79.1	79.4	80.0	80.0	80.6	80.6	80.6	80.6
GE 9000	67.1	70.6	72.9	75.1	78.0	78.0	78.3	78.9	79.1	79.4	80.0	80.0	80.6	80.6	80.6	80.6
GE 8000	70.3	73.7	76.0	78.3	81.1	81.1	81.4	82.0	82.3	82.6	83.1	83.1	83.7	83.7	83.7	83.7
GE 7000	70.6	74.0	76.3	78.6	81.4	81.4	81.7	82.3	82.6	82.9	83.4	83.4	84.0	84.0	84.0	84.0
GE 6000	70.6	74.0	76.9	79.1	82.0	82.0	82.3	82.9	83.1	83.4	84.0	84.0	84.6	84.6	84.6	84.6
GE 5000	71.1	74.6	77.4	79.7	82.6	82.6	82.9	83.4	83.7	84.0	84.6	84.6	85.1	85.1	85.1	85.1
GE 4500	71.4	74.9	77.7	80.0	82.9	82.9	83.1	83.7	84.0	84.3	84.9	84.9	85.4	85.4	85.4	85.4
GE 4000	72.3	75.7	78.9	81.1	84.0	84.0	84.3	84.9	85.1	85.4	86.0	86.0	86.6	86.6	86.6	86.6
GE 3500	73.1	76.6	79.7	82.0	84.9	84.9	85.1	85.7	86.0	86.3	86.9	86.9	87.4	87.4	87.4	87.4
GE 3000	74.0	77.4	80.6	82.9	85.7	85.7	86.0	86.6	86.9	87.1	87.7	87.7	88.3	88.3	88.3	88.3
GE 2500	74.3	77.7	80.9	83.1	86.0	86.0	86.3	86.9	87.1	87.4	88.0	88.0	88.6	88.6	88.6	88.6
GE 2000	75.7	79.1	82.3	84.6	87.4	87.4	87.7	88.3	88.6	88.9	89.4	89.4	90.0	90.0	90.0	90.0
GE 1800	75.7	79.1	82.3	84.6	87.4	87.4	87.7	88.3	88.6	88.9	89.4	89.4	90.0	90.0	90.0	90.0
GE 1500	76.0	80.9	84.0	86.6	89.4	89.4	89.7	90.3	90.6	90.9	91.4	91.4	92.0	92.0	92.0	92.0
GE 1200	76.0	80.9	84.3	86.9	90.0	90.0	90.3	90.9	91.1	91.4	92.0	92.0	92.6	92.6	92.6	92.6
GE 1000	76.6	82.6	86.0	88.6	91.7	91.7	92.0	92.6	92.9	93.1	93.7	93.7	94.3	94.3	94.3	94.3
GE 900	76.6	82.6	86.0	88.6	91.7	91.7	92.0	92.6	92.9	93.1	93.7	93.7	94.3	94.3	94.3	94.3
GE 800	76.9	83.1	86.6	89.4	92.9	92.9	93.1	93.7	94.0	94.3	94.9	94.9	95.4	95.4	95.4	95.4
GE 700	76.9	83.4	87.1	90.0	93.4	93.4	93.7	94.3	94.6	94.9	95.4	95.4	96.0	96.0	96.0	96.0
GE 600	77.1	84.3	88.9	92.3	95.7	95.7	96.0	96.6	96.9	97.1	97.7	97.7	98.3	98.3	98.3	98.3
GE 500	77.4	84.6	89.1	92.6	96.0	96.0	96.6	97.1	97.4	97.7	98.3	98.3	98.9	98.9	98.9	98.9
GE 400	77.4	84.6	89.1	92.6	96.3	96.6	97.1	97.7	98.0	98.3	98.9	98.9	99.4	99.4	99.4	99.4
GE 300	77.4	84.6	89.1	92.6	96.3	96.6	97.1	97.7	98.0	98.6	99.4	99.4	100.0	100.0	100.0	100.0
GE 200	77.4	84.6	89.1	92.6	96.3	96.6	97.1	97.7	98.0	98.6	99.4	99.4	100.0	100.0	100.0	100.0
GE 100	77.4	84.6	89.1	92.6	96.3	96.6	97.1	97.7	98.0	98.6	99.4	99.4	100.0	100.0	100.0	100.0
GE 000	77.4	84.6	89.1	92.6	96.3	96.6	97.1	97.7	98.0	98.6	99.4	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 350

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.3	58.0	58.6	59.0	59.5	59.5	59.6	59.6	59.6	59.7	59.7	59.7	59.8	59.8	59.8	59.8
GE 20000	66.7	69.1	69.7	70.2	70.7	70.7	70.8	70.9	70.9	71.0	71.1	71.1	71.2	71.2	71.2	71.2
GE 18000	67.0	69.3	70.1	70.5	71.0	71.0	71.1	71.2	71.3	71.3	71.4	71.4	71.5	71.5	71.5	71.5
GE 16000	67.0	69.3	70.1	70.6	71.1	71.1	71.1	71.3	71.3	71.4	71.5	71.5	71.6	71.6	71.6	71.6
GE 14000	67.2	69.5	70.3	70.7	71.2	71.3	71.3	71.5	71.5	71.5	71.6	71.6	71.8	71.8	71.8	71.8
GE 12000	67.6	70.0	70.8	71.3	71.7	71.8	71.8	72.0	72.0	72.1	72.1	72.1	72.3	72.3	72.3	72.3
GE 10000	69.7	72.1	72.9	73.4	73.9	73.9	73.9	74.1	74.1	74.2	74.3	74.3	74.4	74.4	74.4	74.4
GE 9000	70.2	72.7	73.5	73.9	74.4	74.4	74.5	74.6	74.7	74.7	74.8	74.8	74.9	74.9	74.9	74.9
GE 8000	73.0	75.6	76.4	76.9	77.4	77.4	77.5	77.6	77.7	77.7	77.8	77.8	77.9	77.9	77.9	77.9
GE 7000	73.4	76.0	76.8	77.3	77.8	77.8	77.9	78.0	78.1	78.1	78.2	78.2	78.3	78.3	78.3	78.3
GE 6000	73.7	76.3	77.2	77.7	78.2	78.2	78.3	78.4	78.5	78.5	78.6	78.6	78.7	78.7	78.7	78.7
GE 5000	74.3	76.9	77.8	78.3	78.8	78.9	78.9	79.1	79.1	79.1	79.2	79.2	79.4	79.4	79.4	79.4
GE 4500	74.6	77.3	78.2	78.7	79.2	79.2	79.3	79.4	79.5	79.5	79.6	79.6	79.7	79.7	79.7	79.7
GE 4000	75.6	78.3	79.3	79.8	80.3	80.3	80.4	80.5	80.6	80.6	80.7	80.7	80.8	80.8	80.8	80.8
GE 3500	77.1	79.8	80.8	81.4	81.9	81.9	82.0	82.1	82.2	82.2	82.3	82.3	82.4	82.4	82.4	82.4
GE 3000	80.1	83.1	84.4	85.0	85.6	85.6	85.7	85.8	85.9	85.9	86.0	86.0	86.1	86.1	86.1	86.1
GE 2500	81.9	85.2	86.5	87.2	87.8	87.8	87.9	88.1	88.1	88.2	88.2	88.2	88.4	88.4	88.4	88.4
GE 2000	83.9	87.3	88.7	89.5	90.2	90.2	90.4	90.5	90.6	90.6	90.7	90.7	90.8	90.8	90.8	90.8
GE 1800	84.2	87.7	89.2	89.9	90.6	90.7	90.8	91.0	91.0	91.1	91.2	91.2	91.3	91.3	91.3	91.3
GE 1500	85.5	89.3	90.9	91.8	92.7	92.8	93.0	93.2	93.3	93.3	93.4	93.4	93.5	93.5	93.5	93.5
GE 1200	86.1	90.4	92.3	93.3	94.2	94.2	94.5	94.7	94.8	94.8	94.9	94.9	95.1	95.1	95.1	95.1
GE 1000	86.7	91.3	93.4	94.4	95.4	95.5	95.7	96.0	96.1	96.1	96.2	96.2	96.3	96.3	96.3	96.3
GE 900	86.9	91.7	93.8	94.9	95.9	96.0	96.2	96.5	96.6	96.6	96.7	96.7	96.9	96.9	96.9	96.9
GE 800	87.0	91.9	94.1	95.2	96.3	96.4	96.7	97.0	97.0	97.1	97.1	97.1	97.3	97.3	97.3	97.3
GE 700	87.2	92.1	94.4	95.6	96.7	96.9	97.1	97.4	97.5	97.5	97.6	97.6	97.7	97.7	97.7	97.7
GE 600	87.4	92.6	95.0	96.3	97.5	97.6	97.9	98.2	98.3	98.3	98.4	98.4	98.6	98.6	98.6	98.6
GE 500	87.5	92.8	95.2	96.5	97.9	98.0	98.3	98.7	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.1
GE 400	87.6	92.8	95.3	96.7	98.0	98.2	98.5	98.9	99.0	99.1	99.3	99.3	99.4	99.4	99.4	99.4
GE 300	87.6	92.8	95.3	96.7	98.1	98.3	98.7	99.1	99.1	99.3	99.5	99.6	99.7	99.7	99.7	99.7
GE 200	87.6	92.8	95.3	96.7	98.1	98.3	98.7	99.1	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.9
GE 100	87.6	92.8	95.3	96.7	98.1	98.3	98.7	99.1	99.2	99.4	99.6	99.6	99.8	99.8	99.9	100.0
GE 000	87.6	92.8	95.3	96.7	98.1	98.3	98.7	99.1	99.2	99.4	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3504

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.3	58.8	70.6	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 20000	35.3	58.8	70.6	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 18000	35.3	58.8	70.6	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 16000	35.3	58.8	70.6	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 14000	35.3	58.8	70.6	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 12000	35.3	58.8	70.6	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 10000	35.3	58.8	70.6	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 9000	35.3	58.8	70.6	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 8000	35.3	58.8	70.6	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 7000	35.3	58.8	70.6	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 6000	35.3	58.8	70.6	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 5000	35.3	58.8	70.6	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 4500	35.3	58.8	70.6	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 4000	35.3	58.8	70.6	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 3500	35.3	58.8	70.6	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 3000	35.3	58.8	70.6	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 2500	35.3	58.8	70.6	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 2000	35.3	58.8	70.6	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 1800	35.3	58.8	70.6	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 1500	35.3	58.8	70.6	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 1200	35.3	58.8	70.6	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 1000	35.3	58.8	70.6	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 900	35.3	58.8	70.6	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 800	35.3	58.8	70.6	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 700	35.3	58.8	70.6	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 600	35.3	58.8	70.6	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 500	35.3	58.8	70.6	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 400	35.3	58.8	70.6	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	82.4	82.4
GE 300	35.3	58.8	70.6	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	82.4	82.4
GE 200	35.3	58.8	70.6	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	82.4	82.4
GE 100	35.3	58.8	70.6	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	82.4	82.4	100.0	100.0
GE 000	35.3	58.8	70.6	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	82.4	82.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 17

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	4.8	14.3	14.3	19.0	19.0	19.0	23.8	33.3	33.3	33.3	33.3	33.3	42.9	42.9	47.6	47.6
GE 20000	4.8	14.3	14.3	23.8	23.8	23.8	33.3	42.9	42.9	42.9	42.9	42.9	52.4	52.4	57.1	57.1
GE 18000	4.8	14.3	14.3	23.8	23.8	23.8	33.3	42.9	42.9	42.9	42.9	42.9	52.4	52.4	57.1	57.1
GE 16000	4.8	14.3	14.3	23.8	23.8	23.8	33.3	42.9	42.9	42.9	42.9	42.9	52.4	52.4	57.1	57.1
GE 14000	4.8	14.3	14.3	23.8	23.8	23.8	33.3	42.9	42.9	42.9	42.9	42.9	52.4	52.4	57.1	57.1
GE 12000	4.8	14.3	14.3	23.8	23.8	23.8	33.3	42.9	42.9	42.9	42.9	42.9	52.4	52.4	57.1	57.1
GE 10000	4.8	14.3	14.3	28.6	28.6	28.6	38.1	47.6	47.6	47.6	47.6	47.6	57.1	57.1	61.9	61.9
GE 9000	4.8	14.3	14.3	28.6	28.6	28.6	38.1	47.6	47.6	47.6	47.6	47.6	57.1	57.1	61.9	61.9
GE 8000	4.8	14.3	14.3	28.6	28.6	28.6	38.1	47.6	47.6	47.6	47.6	47.6	57.1	57.1	61.9	61.9
GE 7000	4.8	14.3	14.3	28.6	28.6	28.6	38.1	47.6	47.6	47.6	47.6	47.6	57.1	57.1	61.9	61.9
GE 6000	4.8	14.3	14.3	28.6	28.6	28.6	38.1	47.6	47.6	47.6	47.6	47.6	57.1	57.1	61.9	61.9
GE 5000	4.8	14.3	14.3	28.6	28.6	28.6	38.1	47.6	47.6	47.6	47.6	47.6	57.1	57.1	61.9	61.9
GE 4500	4.8	14.3	14.3	28.6	28.6	28.6	38.1	47.6	47.6	47.6	47.6	47.6	57.1	57.1	61.9	61.9
GE 4000	4.8	14.3	14.3	28.6	28.6	28.6	38.1	47.6	47.6	47.6	47.6	47.6	57.1	57.1	61.9	61.9
GE 3500	9.5	19.0	19.0	33.3	33.3	33.3	42.9	52.4	52.4	52.4	52.4	52.4	61.9	61.9	66.7	66.7
GE 3000	9.5	19.0	19.0	33.3	33.3	33.3	42.9	52.4	52.4	52.4	52.4	52.4	61.9	61.9	66.7	66.7
GE 2500	9.5	19.0	19.0	33.3	33.3	33.3	42.9	52.4	52.4	52.4	52.4	52.4	61.9	61.9	66.7	66.7
GE 2000	9.5	19.0	19.0	33.3	33.3	33.3	42.9	52.4	52.4	52.4	52.4	52.4	61.9	61.9	66.7	66.7
GE 1800	9.5	19.0	19.0	33.3	33.3	33.3	42.9	52.4	52.4	52.4	52.4	52.4	61.9	61.9	66.7	66.7
GE 1500	9.5	19.0	19.0	33.3	33.3	33.3	42.9	52.4	52.4	52.4	52.4	52.4	61.9	61.9	66.7	66.7
GE 1200	14.3	28.6	28.6	42.9	42.9	42.9	52.4	61.9	61.9	61.9	61.9	61.9	71.4	71.4	76.2	76.2
GE 1000	14.3	33.3	33.3	47.6	47.6	47.6	57.1	66.7	66.7	66.7	66.7	66.7	76.2	76.2	81.0	81.0
GE 900	14.3	33.3	33.3	47.6	47.6	47.6	57.1	66.7	66.7	66.7	66.7	66.7	76.2	76.2	81.0	81.0
GE 800	14.3	33.3	33.3	47.6	47.6	47.6	57.1	66.7	66.7	66.7	66.7	66.7	76.2	76.2	81.0	81.0
GE 700	14.3	33.3	33.3	47.6	47.6	47.6	57.1	66.7	66.7	66.7	66.7	66.7	76.2	76.2	81.0	81.0
GE 600	14.3	33.3	33.3	47.6	47.6	47.6	57.1	66.7	66.7	71.4	71.4	71.4	81.0	81.0	85.7	85.7
GE 500	14.3	33.3	33.3	52.4	52.4	52.4	61.9	71.4	71.4	76.2	76.2	76.2	85.7	85.7	90.5	90.5
GE 400	14.3	33.3	33.3	52.4	52.4	52.4	61.9	71.4	71.4	76.2	76.2	76.2	85.7	85.7	90.5	90.5
GE 300	14.3	33.3	33.3	52.4	52.4	52.4	61.9	71.4	71.4	76.2	76.2	76.2	85.7	85.7	90.5	90.5
GE 200	14.3	33.3	33.3	52.4	52.4	52.4	61.9	71.4	71.4	76.2	76.2	76.2	85.7	85.7	90.5	90.5
GE 100	14.3	33.3	33.3	52.4	52.4	52.4	61.9	71.4	71.4	76.2	81.0	81.0	90.5	90.5	100.0	100.0
GE 000	14.3	33.3	33.3	52.4	52.4	52.4	61.9	71.4	71.4	76.2	81.0	81.0	90.5	90.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 21

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.5	46.2	48.3	49.3	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.7	50.7	50.7	50.7
GE 20000	42.4	51.0	54.5	55.9	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	57.3	57.3	57.3	57.3
GE 18000	42.4	51.0	54.5	55.9	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	57.3	57.3	57.3	57.3
GE 16000	42.4	51.0	54.5	55.9	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	57.3	57.3	57.3	57.3
GE 14000	42.7	51.4	54.9	56.3	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.6	57.6	57.6	57.6
GE 12000	43.4	52.1	55.6	56.9	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	58.3	58.3	58.3	58.3
GE 10000	45.8	55.2	59.0	60.4	61.1	61.5	61.5	61.5	61.5	61.5	61.5	61.5	62.2	62.2	62.2	62.2
GE 9000	45.8	55.2	59.0	60.4	61.1	61.5	61.5	61.5	61.5	61.5	61.5	61.5	62.2	62.2	62.2	62.2
GE 8000	49.3	59.4	63.2	64.6	65.3	65.6	65.6	66.0	66.0	66.0	66.0	66.0	66.7	66.7	66.7	66.7
GE 7000	49.3	59.7	63.5	65.3	66.0	66.3	66.3	66.7	66.7	66.7	66.7	66.7	67.4	67.4	67.4	67.4
GE 6000	49.3	59.7	63.5	65.6	66.3	66.7	66.7	67.0	67.0	67.0	67.4	67.4	68.1	68.1	68.1	68.1
GE 5000	49.3	60.1	63.9	66.0	66.7	67.0	67.0	67.4	67.4	67.4	67.7	67.7	68.4	68.4	68.4	68.4
GE 4500	49.3	60.1	63.9	66.0	66.7	67.0	67.0	67.4	67.4	67.4	67.7	67.7	68.4	68.4	68.4	68.4
GE 4000	49.7	60.4	64.2	66.7	67.4	67.7	67.7	68.1	68.1	68.1	68.4	68.4	69.1	69.1	69.1	69.1
GE 3500	50.7	61.5	65.3	67.7	68.4	68.8	68.8	69.1	69.1	69.1	69.4	69.4	70.1	70.1	70.1	70.1
GE 3000	53.1	64.6	68.8	71.2	71.9	72.2	72.2	72.6	72.6	72.6	72.9	72.9	73.6	73.6	73.6	73.6
GE 2500	54.5	66.0	70.1	72.6	73.3	73.6	73.6	74.0	74.0	74.0	74.3	74.3	75.0	75.0	75.0	75.0
GE 2000	56.9	68.8	72.9	75.3	76.0	76.4	76.4	76.7	76.7	76.7	77.1	77.1	77.8	77.8	77.8	77.8
GE 1800	57.6	69.4	73.6	76.0	77.1	77.4	77.4	77.8	77.8	77.8	78.1	78.1	78.8	78.8	78.8	78.8
GE 1500	60.4	73.3	79.5	81.9	83.0	83.3	83.3	83.7	83.7	84.0	84.4	84.4	85.1	85.1	85.1	85.1
GE 1200	62.8	76.0	82.3	84.7	86.1	86.5	86.5	86.8	86.8	87.2	87.5	87.5	88.2	88.2	88.2	88.2
GE 1000	64.2	78.1	86.1	89.6	91.0	91.3	91.3	91.7	91.7	92.0	92.4	92.4	93.1	93.1	93.1	93.1
GE 900	64.2	78.5	86.5	89.9	91.3	91.7	91.7	92.0	92.0	92.4	92.7	92.7	93.4	93.4	93.4	93.4
GE 800	64.2	78.5	86.5	89.9	91.7	92.0	92.0	92.4	92.4	93.1	93.4	93.4	94.1	94.1	94.1	94.1
GE 700	64.2	78.5	87.2	90.6	92.4	92.7	92.7	93.1	93.1	93.8	94.1	94.1	94.8	94.8	94.8	94.8
GE 600	64.2	78.5	87.2	91.0	92.7	93.1	93.4	93.8	93.8	94.8	95.1	95.1	95.8	95.8	95.8	95.8
GE 500	64.6	78.8	87.5	91.3	93.1	93.8	94.1	94.4	94.4	95.8	96.2	96.2	96.9	96.9	96.9	96.9
GE 400	64.9	79.2	87.8	91.7	93.4	94.1	94.4	95.1	95.1	97.2	97.6	97.6	98.3	98.3	98.3	98.6
GE 300	64.9	79.2	87.8	91.7	93.8	94.4	94.8	95.5	95.5	97.9	98.3	98.3	99.0	99.0	99.0	99.7
GE 200	64.9	79.2	87.8	91.7	93.8	94.4	94.8	95.5	95.5	97.9	98.3	98.3	99.0	99.0	99.0	99.7
GE 100	64.9	79.2	87.8	91.7	93.8	94.4	94.8	95.5	95.5	97.9	98.3	98.3	99.0	99.0	99.0	100.0
GE 000	64.9	79.2	87.8	91.7	93.8	94.4	94.8	95.5	95.5	97.9	98.3	98.3	99.0	99.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 288

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.6	50.7	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 20000	54.4	59.5	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 18000	54.7	59.8	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 16000	54.8	59.9	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 14000	54.8	59.9	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 12000	55.6	60.9	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 10000	57.6	63.2	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 9000	57.9	63.5	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 8000	60.2	65.8	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 7000	60.6	66.3	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 6000	60.9	66.5	67.1	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 5000	61.3	67.1	67.6	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 4500	61.4	67.2	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 4000	63.2	69.4	70.1	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 3500	64.5	71.1	71.9	72.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 3000	69.3	75.9	76.7	76.9	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 2500	73.0	80.4	81.3	81.5	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 2000	77.0	85.8	86.6	87.1	87.9	87.9	87.9	87.9	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2
GE 1800	77.4	86.4	87.2	87.6	88.4	88.4	88.4	88.4	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7
GE 1500	81.5	91.5	92.3	93.5	94.5	94.6	94.6	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0
GE 1200	81.8	92.0	92.8	94.1	95.2	95.5	95.5	95.7	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1
GE 1000	82.0	92.4	94.2	95.9	97.1	97.4	97.5	97.8	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	82.1	92.6	94.4	96.0	97.2	97.5	97.7	97.9	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5
GE 800	82.2	92.7	94.5	96.1	97.4	97.7	97.8	98.1	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	82.2	92.7	94.5	96.1	97.4	97.7	97.9	98.2	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	82.2	92.7	94.6	96.3	97.8	98.1	98.3	98.6	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	82.2	92.7	94.6	96.4	98.1	98.3	98.6	98.9	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	82.2	92.7	94.6	96.4	98.1	98.3	98.6	98.9	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	82.2	93.0	95.0	96.8	98.5	98.8	99.0	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	82.2	93.0	95.0	96.8	98.5	98.8	99.0	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	82.2	93.0	95.0	96.8	98.5	98.8	99.0	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	82.2	93.0	95.0	96.8	98.5	98.8	99.0	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 726

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.8	48.0	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 20000	56.9	59.5	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 18000	57.5	60.1	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 16000	57.5	60.1	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 14000	57.6	60.2	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 12000	58.1	60.8	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 10000	60.7	63.9	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 9000	61.0	64.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 8000	64.3	67.6	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 7000	65.0	68.4	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 6000	65.6	69.0	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 5000	66.4	69.9	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 4500	67.4	70.9	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 4000	69.6	73.4	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 3500	71.2	75.2	76.7	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 3000	79.8	84.2	85.6	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 2500	83.7	88.7	90.4	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 2000	85.2	90.7	92.3	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1800	85.5	90.9	92.6	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1500	87.7	94.2	96.5	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1200	87.8	94.4	96.9	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1000	88.3	94.9	97.7	98.2	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	88.3	94.9	97.7	98.2	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	88.3	94.9	97.7	98.3	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	88.3	94.9	97.7	98.3	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	88.3	94.9	97.7	98.3	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	88.3	95.2	97.9	98.6	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	88.3	95.5	98.2	98.8	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	88.3	95.6	98.3	99.0	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	88.3	95.6	98.3	99.0	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	88.3	95.6	98.3	99.0	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	88.3	95.6	98.3	99.0	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 771

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.0	51.9	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 20000	63.8	68.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 18000	63.9	68.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 16000	63.9	68.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 14000	64.6	69.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 12000	64.6	69.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 10000	68.1	73.3	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 9000	68.3	73.8	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 8000	72.1	78.3	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 7000	72.6	78.9	80.1	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 6000	73.2	79.4	80.7	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 5000	74.2	80.6	81.8	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 4500	74.4	80.8	82.1	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 4000	75.3	81.7	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 3500	76.8	83.5	84.7	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 3000	80.8	87.6	88.9	89.0	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 2500	82.2	89.2	90.7	90.8	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 2000	84.2	91.3	92.9	93.5	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1800	84.4	91.7	93.3	93.9	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1500	87.1	94.9	97.1	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1200	87.6	95.4	97.6	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	87.9	95.7	97.9	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	87.9	95.7	98.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	87.9	95.7	98.1	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	87.9	95.8	98.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	87.9	95.8	98.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	87.9	95.8	98.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	87.9	95.8	98.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	87.9	95.8	98.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	87.9	95.8	98.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	87.9	95.8	98.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	87.9	95.8	98.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

OPERATING LOCATION "A"
USAF TAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.1	59.9	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 20000	68.6	76.0	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 18000	68.6	76.0	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 16000	68.6	76.0	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 14000	69.4	76.8	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 12000	69.6	77.1	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 10000	71.8	79.3	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 9000	72.2	79.7	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 8000	75.2	83.2	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 7000	76.1	84.1	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 6000	76.4	84.4	86.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 5000	76.6	84.6	86.6	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 4500	76.6	84.6	86.6	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 4000	76.8	84.7	86.7	87.2	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 3500	77.5	85.5	87.5	88.1	88.1	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 3000	78.0	86.4	88.5	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 2500	78.5	87.2	89.4	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 2000	79.7	88.5	90.8	91.7	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1800	79.9	88.6	91.0	92.0	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 1500	82.5	91.9	94.7	95.8	96.1	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1200	82.8	92.4	95.2	96.3	96.7	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1000	83.6	93.3	96.1	97.3	98.3	98.3	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	83.6	93.3	96.7	98.1	99.1	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	83.6	93.3	96.7	98.1	99.1	99.4	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	83.6	93.3	96.7	98.1	99.4	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	83.6	93.3	96.7	98.1	99.4	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	83.6	93.3	96.7	98.1	99.4	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	83.6	93.3	96.7	98.1	99.4	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	83.6	93.3	96.7	98.1	99.4	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	83.6	93.3	96.7	98.1	99.4	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	83.6	93.3	96.7	98.1	99.4	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	83.6	93.3	96.7	98.1	99.4	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 641

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.2	67.3	70.9	70.9	70.9	70.9	70.9	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 20000	67.3	77.1	80.7	80.7	80.7	81.1	81.1	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 18000	67.3	77.1	80.7	80.7	80.7	81.1	81.1	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 16000	67.3	77.1	80.7	80.7	80.7	81.1	81.1	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 14000	67.3	77.1	80.7	80.7	80.7	81.1	81.1	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 12000	67.3	77.8	81.5	81.5	81.5	81.8	81.8	82.2	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 10000	69.1	80.0	83.6	83.6	83.6	84.0	84.0	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 9000	70.5	81.5	85.1	85.1	85.8	86.2	86.2	86.5	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 8000	72.0	82.9	86.9	86.9	87.6	88.0	88.0	88.4	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 7000	72.4	83.3	87.6	87.6	88.4	88.7	88.7	89.1	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 6000	72.4	83.3	87.6	87.6	88.4	88.7	88.7	89.1	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 5000	72.4	83.3	87.6	87.6	88.4	88.7	88.7	89.1	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 4500	72.7	83.6	88.0	88.0	88.7	89.1	89.1	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 4000	72.7	83.6	88.4	88.4	89.1	89.5	89.5	89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 3500	73.5	84.4	89.1	89.1	89.8	90.2	90.2	90.5	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 3000	73.5	84.7	89.5	89.5	90.5	90.9	90.9	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 2500	74.2	85.5	90.2	90.2	91.3	91.6	91.6	92.0	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 2000	74.5	85.8	90.5	90.5	91.6	92.0	92.0	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1800	74.9	86.2	90.9	90.9	92.0	92.4	92.4	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1500	74.9	86.2	92.0	92.0	93.1	93.5	93.5	93.8	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1200	75.3	86.5	92.4	92.4	93.5	93.8	93.8	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1000	75.6	86.9	93.1	93.5	95.3	95.6	95.6	96.0	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 900	75.6	86.9	93.5	93.8	95.6	96.0	96.0	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 800	75.6	86.9	93.5	94.2	96.0	96.4	96.4	96.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 700	75.6	86.9	93.5	94.9	96.7	97.5	97.5	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 600	75.6	86.9	93.5	95.3	97.5	98.2	98.2	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	76.7	88.0	94.5	96.4	98.5	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	76.7	88.0	94.5	96.4	98.5	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	76.7	88.0	94.5	96.4	98.5	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	76.7	88.0	94.5	96.4	98.5	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	76.7	88.0	94.5	96.4	98.5	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	76.7	88.0	94.5	96.4	98.5	99.3	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 275

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.3	52.8	53.8	53.9	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.3	54.3	54.3	54.3
GE 20000	59.2	64.9	66.3	66.6	66.6	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.9	66.9	67.0	67.0
GE 18000	59.4	65.1	66.5	66.8	66.8	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.2	67.2
GE 16000	59.4	65.1	66.6	66.8	66.8	66.9	67.0	67.0	67.0	67.1	67.1	67.1	67.2	67.2	67.2	67.2
GE 14000	59.8	65.5	66.9	67.2	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.6	67.6	67.6	67.6
GE 12000	60.1	66.0	67.4	67.7	67.8	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1
GE 10000	62.6	68.8	70.4	70.7	70.8	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1
GE 9000	63.0	69.2	70.8	71.1	71.2	71.3	71.4	71.4	71.4	71.5	71.5	71.5	71.6	71.6	71.6	71.6
GE 8000	65.9	72.5	74.2	74.5	74.7	74.8	74.8	74.9	74.9	75.0	75.0	75.0	75.1	75.1	75.1	75.1
GE 7000	66.5	73.1	74.8	75.3	75.4	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8
GE 6000	66.9	73.5	75.2	75.7	75.9	75.9	76.0	76.1	76.1	76.1	76.2	76.2	76.3	76.3	76.3	76.3
GE 5000	67.4	74.1	75.8	76.3	76.5	76.6	76.6	76.7	76.7	76.8	76.8	76.8	76.9	76.9	76.9	76.9
GE 4500	67.7	74.4	76.2	76.7	76.9	76.9	77.0	77.1	77.1	77.1	77.2	77.2	77.3	77.3	77.3	77.3
GE 4000	68.8	75.7	77.5	78.0	78.2	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.7	78.7	78.7	78.7
GE 3500	70.0	77.1	79.0	79.6	79.8	79.9	80.0	80.1	80.1	80.1	80.2	80.2	80.3	80.3	80.3	80.3
GE 3000	74.1	81.5	83.4	83.9	84.3	84.3	84.4	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8
GE 2500	76.3	84.1	86.1	86.8	87.2	87.3	87.3	87.5	87.5	87.5	87.6	87.6	87.7	87.7	87.7	87.7
GE 2000	78.3	86.6	88.7	89.4	89.9	90.0	90.1	90.2	90.3	90.3	90.3	90.3	90.5	90.5	90.5	90.5
GE 1800	78.7	86.9	89.0	89.9	90.4	90.4	90.5	90.7	90.7	90.7	90.8	90.8	90.9	90.9	90.9	90.9
GE 1500	81.3	90.3	93.0	94.1	94.7	94.8	94.9	95.1	95.1	95.1	95.2	95.2	95.3	95.3	95.3	95.3
GE 1200	81.8	91.0	93.8	94.9	95.5	95.6	95.7	95.9	96.0	96.0	96.1	96.1	96.2	96.2	96.2	96.2
GE 1000	82.3	91.7	94.9	96.2	97.1	97.2	97.3	97.5	97.6	97.7	97.8	97.8	97.9	97.9	97.9	97.9
GE 900	82.3	91.7	95.1	96.5	97.3	97.5	97.6	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.2	98.2
GE 800	82.4	91.8	95.1	96.6	97.5	97.7	97.8	98.0	98.0	98.2	98.3	98.3	98.4	98.4	98.4	98.4
GE 700	82.4	91.8	95.2	96.8	97.7	97.9	98.1	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.8	98.8
GE 600	82.4	91.8	95.2	96.8	97.9	98.1	98.3	98.6	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.0
GE 500	82.5	92.0	95.4	97.1	98.2	98.4	98.6	98.8	98.9	99.1	99.2	99.2	99.3	99.3	99.4	99.4
GE 400	82.5	92.0	95.5	97.2	98.3	98.5	98.7	99.0	99.0	99.3	99.4	99.4	99.5	99.5	99.6	99.6
GE 300	82.5	92.1	95.6	97.3	98.4	98.6	98.8	99.1	99.1	99.5	99.6	99.6	99.7	99.7	99.8	99.8
GE 200	82.5	92.1	95.6	97.3	98.4	98.6	98.8	99.1	99.1	99.5	99.6	99.6	99.7	99.7	99.8	99.8
GE 100	82.5	92.1	95.6	97.3	98.4	98.6	98.8	99.1	99.1	99.5	99.6	99.6	99.8	99.8	99.9	100.0
GE 000	82.5	92.1	95.6	97.3	98.4	98.6	98.8	99.1	99.1	99.5	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3459

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 18000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 16000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 14000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 12000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 9000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.5	37.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 20000	37.5	37.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 18000	37.5	37.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 16000	37.5	37.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 14000	37.5	37.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 12000	37.5	37.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 10000	37.5	37.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 9000	37.5	37.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 8000	37.5	37.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 7000	50.0	50.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 6000	50.0	50.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 5000	50.0	50.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 4500	50.0	50.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 4000	50.0	50.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 3500	50.0	50.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 3000	50.0	50.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 2500	62.5	62.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	62.5	62.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	62.5	62.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	62.5	62.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	62.5	62.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	62.5	62.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	62.5	62.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	62.5	62.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	62.5	62.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	62.5	62.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	62.5	62.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	62.5	62.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	62.5	62.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	62.5	62.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	62.5	62.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	62.5	62.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 8

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.8	52.0	54.9	56.6	56.6	56.6	56.9	56.9	56.9	56.9	57.2	57.2	57.2	57.2	57.2	57.6
GE 20000	46.7	60.5	64.1	66.1	66.1	66.1	66.8	66.8	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.4
GE 18000	46.7	60.5	64.1	66.1	66.1	66.1	66.8	66.8	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.4
GE 16000	47.0	60.9	64.5	66.4	66.4	66.4	67.1	67.1	67.1	67.1	67.4	67.4	67.4	67.4	67.4	67.8
GE 14000	47.4	61.2	64.8	66.8	66.8	66.8	67.4	67.4	67.4	67.4	67.8	67.8	67.8	67.8	67.8	68.1
GE 12000	48.0	62.5	66.1	68.1	68.4	68.4	69.1	69.1	69.1	69.1	69.4	69.4	69.4	69.4	69.4	69.7
GE 10000	51.0	66.4	70.4	72.4	72.7	72.7	73.4	73.4	73.4	73.7	74.0	74.0	74.0	74.0	74.0	74.3
GE 9000	51.3	66.8	70.7	72.7	73.0	73.0	73.7	73.7	73.7	74.0	74.3	74.3	74.3	74.3	74.3	74.7
GE 8000	55.6	72.0	76.3	78.3	78.6	78.6	79.3	79.3	79.3	79.6	79.9	79.9	79.9	79.9	79.9	80.3
GE 7000	56.6	73.0	77.3	79.3	79.6	79.6	80.3	80.3	80.3	80.6	80.9	80.9	80.9	80.9	80.9	81.3
GE 6000	56.6	73.0	77.3	79.3	79.6	79.6	80.3	80.3	80.3	80.6	80.9	80.9	80.9	80.9	80.9	81.3
GE 5000	56.9	73.4	77.6	79.6	79.9	79.9	80.6	80.6	80.6	80.9	81.3	81.3	81.3	81.3	81.3	81.6
GE 4500	57.2	73.7	78.0	79.9	80.3	80.3	80.9	80.9	80.9	81.3	81.6	81.6	81.6	81.6	81.6	81.9
GE 4000	58.6	75.0	79.3	81.3	81.6	81.6	82.2	82.2	82.2	82.6	82.9	82.9	82.9	82.9	82.9	83.2
GE 3500	60.2	76.6	80.9	82.9	83.2	83.2	83.9	83.9	83.9	84.2	84.5	84.5	84.5	84.5	84.5	84.9
GE 3000	61.2	78.0	82.6	84.5	84.9	84.9	85.5	85.5	85.5	85.9	86.2	86.2	86.2	86.2	86.2	86.5
GE 2500	61.5	78.9	83.6	85.5	86.2	86.2	86.8	86.8	86.8	87.2	87.5	87.5	87.5	87.5	87.5	87.8
GE 2000	63.2	80.9	85.5	87.5	88.5	88.5	89.5	89.5	89.5	89.8	90.1	90.1	90.1	90.1	90.1	90.5
GE 1800	63.2	80.9	85.5	87.5	88.5	88.5	89.5	89.5	89.5	89.8	90.1	90.1	90.1	90.1	90.1	90.5
GE 1500	64.5	82.2	86.8	88.8	90.1	90.5	91.1	91.4	91.4	92.1	92.4	92.4	92.8	92.8	92.8	93.1
GE 1200	65.1	83.2	88.2	90.1	91.4	92.1	92.8	93.1	93.1	93.8	94.1	94.1	94.4	94.4	94.4	94.7
GE 1000	66.1	84.5	89.5	91.4	92.8	93.4	94.1	94.4	94.4	95.1	95.4	95.4	95.7	95.7	95.7	96.1
GE 900	66.4	84.9	89.8	91.8	93.4	94.1	94.7	95.4	95.4	96.1	96.4	96.4	96.7	96.7	96.7	97.0
GE 800	66.8	85.2	90.1	92.1	93.8	94.4	95.1	95.7	95.7	96.4	96.7	96.7	97.0	97.0	97.0	97.4
GE 700	67.1	85.5	90.5	92.4	94.1	94.7	95.4	96.1	96.1	96.7	97.0	97.0	97.4	97.4	97.4	97.7
GE 600	67.1	85.5	90.5	92.4	94.1	94.7	95.4	96.1	96.1	96.7	97.0	97.0	97.4	97.4	97.4	97.7
GE 500	67.4	85.9	91.4	93.4	95.1	95.7	96.4	97.0	97.0	97.7	98.0	98.0	98.4	98.4	98.4	98.7
GE 400	67.4	85.9	91.4	93.4	95.1	96.1	96.7	97.4	97.4	98.0	98.4	98.4	98.7	98.7	98.7	99.0
GE 300	67.4	85.9	91.4	93.4	95.1	96.1	97.0	97.7	97.7	98.4	98.7	98.7	99.0	99.0	99.0	99.3
GE 200	67.4	85.9	91.4	93.4	95.1	96.1	97.0	98.0	98.0	98.7	99.0	99.0	99.3	99.3	99.3	99.7
GE 100	67.4	85.9	91.4	93.4	95.1	96.1	97.0	98.0	98.0	98.7	99.0	99.0	99.3	99.3	99.3	100.0
GE 000	67.4	85.9	91.4	93.4	95.1	96.1	97.0	98.0	98.0	98.7	99.0	99.0	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 304

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.3	49.5	50.5	50.6	50.6	50.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 20000	55.5	61.9	63.3	63.5	63.7	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 18000	55.5	61.9	63.3	63.5	63.7	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 16000	55.6	62.0	63.4	63.7	63.8	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 14000	56.1	62.7	64.1	64.3	64.5	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 12000	57.7	65.0	66.4	66.6	66.8	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 10000	60.0	67.4	68.9	69.2	69.3	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 9000	60.3	67.7	69.4	69.7	69.9	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 8000	65.3	73.4	75.1	75.5	75.6	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 7000	65.4	73.6	75.4	75.8	76.0	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 6000	65.5	73.8	75.5	75.9	76.2	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 5000	66.5	74.7	76.4	76.9	77.1	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 4500	66.8	75.0	76.7	77.1	77.4	77.5	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 4000	67.4	75.6	77.4	77.8	78.1	78.2	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 3500	68.8	77.4	79.3	79.8	80.1	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 3000	75.0	84.5	86.9	87.9	88.2	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 2500	77.1	87.2	89.6	90.6	90.8	91.0	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 2000	79.9	90.2	92.9	93.9	94.3	94.5	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1800	79.9	90.2	92.9	93.9	94.3	94.5	95.0	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1500	81.8	92.3	95.0	96.2	96.9	97.0	97.6	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1200	82.1	92.6	95.4	96.6	97.3	97.4	98.0	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1000	82.1	92.6	95.4	96.6	97.3	97.4	98.0	98.3	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	82.1	92.6	95.4	96.6	97.3	97.4	98.0	98.3	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	82.2	92.7	95.7	96.9	97.6	97.8	98.4	98.7	98.7	98.9	99.1	99.1	99.2	99.2	99.2	99.2
GE 700	82.2	92.7	95.8	97.0	97.7	98.0	98.5	98.8	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.3
GE 600	82.4	93.0	96.1	97.3	98.0	98.3	98.8	99.1	99.1	99.3	99.5	99.5	99.6	99.6	99.6	99.6
GE 500	82.4	93.0	96.1	97.3	98.0	98.3	98.8	99.1	99.1	99.5	99.6	99.6	99.9	100.0	100.0	100.0
GE 400	82.4	93.0	96.1	97.3	98.0	98.3	98.8	99.1	99.1	99.5	99.6	99.6	99.9	100.0	100.0	100.0
GE 300	82.4	93.0	96.1	97.3	98.0	98.3	98.8	99.1	99.1	99.5	99.6	99.6	99.9	100.0	100.0	100.0
GE 200	82.4	93.0	96.1	97.3	98.0	98.3	98.8	99.1	99.1	99.5	99.6	99.6	99.9	100.0	100.0	100.0
GE 100	82.4	93.0	96.1	97.3	98.0	98.3	98.8	99.1	99.1	99.5	99.6	99.6	99.9	100.0	100.0	100.0
GE 000	82.4	93.0	96.1	97.3	98.0	98.3	98.8	99.1	99.1	99.5	99.6	99.6	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 743

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.2	37.4	38.5	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 20000	54.1	58.1	59.6	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 18000	54.2	58.3	59.7	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 16000	54.6	58.7	60.1	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 14000	55.1	59.3	60.8	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 12000	56.3	60.5	61.9	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 10000	60.9	65.3	66.9	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 9000	61.7	66.2	67.8	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 8000	65.4	71.1	72.8	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 7000	66.1	71.8	73.5	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 6000	66.4	72.1	73.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 5000	66.6	72.4	74.1	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 4500	66.6	72.4	74.1	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 4000	68.6	74.7	76.5	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 3500	71.6	78.0	79.9	80.7	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 3000	78.7	87.5	90.0	90.9	91.0	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 2500	80.4	89.7	92.3	93.2	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.9	93.9	93.9
GE 2000	82.7	91.9	94.7	95.7	96.2	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0
GE 1800	82.7	91.9	94.7	95.7	96.2	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0
GE 1500	83.1	92.6	95.3	96.5	97.0	97.1	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9
GE 1200	83.3	92.8	95.6	96.7	97.3	97.4	97.9	98.0	98.0	98.0	98.0	98.0	98.2	98.2	98.2	98.2
GE 1000	83.4	93.1	96.1	97.3	97.9	98.0	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 900	83.6	93.2	96.2	97.4	98.0	98.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0
GE 800	83.6	93.2	96.2	97.4	98.0	98.2	98.8	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 700	83.7	93.4	96.3	97.5	98.2	98.3	99.0	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 600	83.7	93.4	96.3	97.5	98.2	98.3	99.0	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 500	83.7	93.5	96.5	97.8	98.4	98.6	99.2	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9
GE 400	83.7	93.6	96.6	97.9	98.6	98.7	99.3	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 300	83.7	93.6	96.6	97.9	98.6	98.7	99.3	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 200	83.7	93.6	96.6	97.9	98.6	98.7	99.3	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	83.7	93.6	96.6	97.9	98.6	98.7	99.3	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	83.7	93.6	96.6	97.9	98.6	98.7	99.3	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 767

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.4	38.7	39.8	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 20000	55.6	61.3	63.1	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 18000	55.9	61.6	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 16000	55.9	61.6	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 14000	57.4	63.1	64.9	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 12000	58.9	64.8	66.6	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 10000	64.6	71.3	73.6	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 9000	65.9	72.5	74.9	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 8000	70.9	78.1	80.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 7000	71.6	78.9	81.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 6000	71.6	78.9	81.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 5000	71.6	78.9	81.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 4500	71.8	79.3	81.8	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 4000	73.1	80.7	83.2	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 3500	74.8	82.5	85.2	86.3	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 3000	78.4	87.0	89.9	91.7	92.6	92.6	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 2500	79.2	87.8	90.7	92.6	93.8	93.8	93.9	93.9	93.9	94.3	94.5	94.5	94.5	94.5	94.5	94.5
GE 2000	81.1	89.9	92.8	94.9	96.0	96.0	96.1	96.1	96.1	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 1800	81.1	89.9	92.8	94.9	96.0	96.0	96.1	96.1	96.1	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 1500	82.1	91.0	93.9	96.0	97.4	97.4	97.5	97.5	97.5	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	82.7	91.5	94.5	96.5	97.9	97.9	98.1	98.1	98.1	98.6	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000	83.1	92.0	95.0	97.1	98.5	98.5	98.6	98.6	98.6	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	83.2	92.1	95.1	97.2	98.6	98.6	98.8	98.8	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	83.2	92.1	95.1	97.4	98.8	98.8	98.9	98.9	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	83.2	92.1	95.1	97.4	98.8	98.8	98.9	98.9	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	83.2	92.1	95.1	97.4	98.8	98.8	98.9	98.9	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	83.2	92.1	95.3	97.5	98.9	98.9	99.0	99.0	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	83.2	92.1	95.4	97.6	99.0	99.0	99.2	99.2	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	83.2	92.1	95.4	97.6	99.0	99.0	99.2	99.2	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	83.2	92.1	95.4	97.6	99.0	99.0	99.2	99.2	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	83.2	92.1	95.4	97.6	99.0	99.0	99.2	99.2	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	83.2	92.1	95.4	97.6	99.0	99.0	99.2	99.2	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 721

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.2	48.8	50.7	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 20000	62.4	67.0	70.1	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 18000	62.8	67.5	70.6	71.2	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 16000	62.8	67.5	70.6	71.2	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 14000	63.5	68.1	71.2	71.9	72.0	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 12000	65.3	70.1	74.0	74.8	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 10000	70.1	75.6	79.9	80.9	81.5	81.5	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 9000	70.9	76.5	80.9	81.8	82.4	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 8000	76.2	81.8	86.8	87.7	88.5	88.5	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 7000	77.3	82.9	87.9	88.8	89.6	89.6	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 6000	77.4	83.0	88.0	89.0	89.7	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 5000	77.4	83.0	88.0	89.0	89.7	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 4500	77.6	83.2	88.2	89.1	89.9	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 4000	77.9	83.7	88.6	89.6	90.5	90.5	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 3500	78.4	84.6	89.9	90.8	91.8	91.8	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 3000	79.6	86.0	91.9	93.2	94.1	94.1	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 2500	81.0	87.7	93.8	95.0	96.0	96.0	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 2000	82.3	89.0	95.2	96.4	97.4	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1800	82.4	89.1	95.3	96.6	97.5	97.5	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1500	83.0	89.7	96.1	97.5	98.8	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	83.2	89.9	96.3	97.7	98.9	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	83.8	90.5	96.9	98.3	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	83.8	90.5	96.9	98.3	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	83.8	90.5	96.9	98.3	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	83.8	90.5	96.9	98.3	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	83.8	90.5	96.9	98.3	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	83.8	90.5	96.9	98.3	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	83.8	90.5	96.9	98.3	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	83.8	90.5	96.9	98.3	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	83.8	90.5	96.9	98.3	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	83.8	90.5	96.9	98.3	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	83.8	90.5	96.9	98.3	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 643

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246 STATION NAME: DUKE FLD/EGLIN AUX FL PERIOD OF RECORD: APR 81 - MAR 91
LST TO UTC: + 6 MONTH: JUN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.0	68.2	72.5	74.1	74.1	74.1	74.1	74.1	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 20000	72.9	80.0	84.3	85.9	85.9	86.3	86.7	86.7	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 18000	72.9	80.0	84.3	85.9	85.9	86.3	86.7	86.7	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 16000	72.9	80.0	84.3	85.9	85.9	86.3	86.7	86.7	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 14000	72.9	80.0	84.3	85.9	85.9	86.3	86.7	86.7	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 12000	74.1	82.0	86.7	88.2	88.2	88.6	89.0	89.0	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 10000	76.1	84.3	89.4	91.4	91.4	91.8	92.2	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 9000	76.5	84.7	89.8	91.8	91.8	92.2	92.5	92.5	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 8000	78.8	87.5	92.9	94.9	94.9	95.3	95.7	95.7	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 7000	79.6	88.2	93.7	95.7	95.7	96.1	96.5	96.5	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 6000	79.6	88.2	93.7	95.7	95.7	96.1	96.5	96.5	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 5000	79.6	88.2	93.7	95.7	95.7	96.1	96.5	96.5	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 4500	79.6	88.2	93.7	95.7	95.7	96.1	96.5	96.5	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 4000	80.0	88.6	94.1	96.1	96.1	96.5	96.9	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 3500	80.0	88.6	94.1	96.1	96.1	96.5	96.9	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 3000	81.2	89.8	95.3	97.3	97.3	97.6	98.0	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 2500	81.6	90.2	96.1	98.0	98.0	98.4	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 2000	82.0	90.6	96.5	98.4	98.4	98.8	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1800	82.0	90.6	96.5	98.4	98.4	98.8	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1500	82.0	90.6	96.5	98.4	98.8	99.2	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	82.0	90.6	96.5	98.4	98.8	99.2	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	82.0	90.6	96.5	98.4	98.8	99.2	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	82.0	90.6	96.5	98.4	98.8	99.2	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	82.0	90.6	96.5	98.4	98.8	99.2	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	82.0	90.6	96.5	98.4	98.8	99.2	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	82.0	90.6	96.5	98.4	98.8	99.2	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	82.0	90.6	96.5	98.4	98.8	99.2	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	82.0	90.6	96.5	98.4	98.8	99.2	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	82.0	90.6	96.5	98.4	98.8	99.2	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	82.0	90.6	96.5	98.4	98.8	99.2	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	82.0	90.6	96.5	98.4	98.8	99.2	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	82.0	90.6	96.5	98.4	98.8	99.2	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 255

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.6	46.1	47.7	48.2	48.2	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 20000	56.9	63.1	65.4	66.0	66.1	66.2	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4
GE 18000	57.1	63.3	65.5	66.2	66.3	66.3	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6
GE 16000	57.2	63.4	65.7	66.4	66.4	66.5	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 14000	57.9	64.2	66.4	67.1	67.2	67.3	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 12000	59.3	65.9	68.4	69.1	69.2	69.3	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 10000	63.3	70.4	73.2	74.0	74.3	74.3	74.5	74.5	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7
GE 9000	64.0	71.2	74.0	74.9	75.1	75.2	75.3	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5
GE 8000	68.5	76.3	79.3	80.3	80.6	80.6	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	81.0
GE 7000	69.2	77.1	80.1	81.1	81.4	81.4	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.8
GE 6000	69.3	77.2	80.2	81.2	81.5	81.5	81.7	81.7	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9
GE 5000	69.6	77.5	80.5	81.5	81.8	81.8	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.2
GE 4500	69.8	77.7	80.7	81.7	82.0	82.0	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 4000	70.9	78.9	81.9	82.9	83.3	83.3	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 3500	72.4	80.7	83.9	84.9	85.4	85.4	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 3000	76.5	85.7	89.4	90.7	91.2	91.3	91.6	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 2500	77.9	87.4	91.2	92.5	93.1	93.2	93.5	93.6	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8
GE 2000	79.8	89.4	93.3	94.7	95.4	95.6	96.0	96.0	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 1800	79.8	89.5	93.3	94.8	95.5	95.6	96.0	96.1	96.1	96.3	96.3	96.3	96.4	96.4	96.4	96.4
GE 1500	80.7	90.5	94.4	96.0	96.9	97.0	97.4	97.6	97.6	97.9	97.9	97.9	98.0	98.0	98.0	98.0
GE 1200	81.0	90.9	94.8	96.4	97.3	97.4	97.9	98.0	98.0	98.3	98.3	98.3	98.4	98.4	98.4	98.4
GE 1000	81.4	91.3	95.3	96.8	97.8	97.9	98.3	98.5	98.5	98.8	98.9	98.9	98.9	98.9	98.9	99.0
GE 900	81.5	91.3	95.4	96.9	97.9	98.1	98.5	98.6	98.6	98.9	99.0	99.0	99.1	99.1	99.1	99.1
GE 800	81.5	91.4	95.5	97.0	98.0	98.2	98.6	98.8	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.3
GE 700	81.6	91.5	95.6	97.1	98.1	98.3	98.7	98.9	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.4
GE 600	81.6	91.5	95.6	97.2	98.2	98.3	98.8	99.0	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.5
GE 500	81.6	91.6	95.8	97.4	98.3	98.5	99.0	99.2	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8
GE 400	81.6	91.6	95.8	97.4	98.4	98.6	99.0	99.2	99.2	99.7	99.7	99.7	99.9	99.9	99.9	99.9
GE 300	81.6	91.6	95.8	97.4	98.4	98.6	99.1	99.3	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 200	81.6	91.6	95.8	97.4	98.4	98.6	99.1	99.3	99.3	99.7	99.8	99.8	99.9	99.9	99.9	100.0
GE 100	81.6	91.6	95.8	97.4	98.4	98.6	99.1	99.3	99.3	99.7	99.8	99.8	99.9	99.9	99.9	100.0
GE 000	81.6	91.6	95.8	97.4	98.4	98.6	99.1	99.3	99.3	99.7	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3445

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 20000	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 18000	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 16000	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 14000	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 12000	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 10000	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 9000	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 8000	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 14

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN-AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	74.1	77.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	88.9	88.9	88.9	88.9
GE 20000	77.8	81.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	92.6	92.6	92.6	92.6
GE 18000	77.8	81.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	92.6	92.6	92.6	92.6
GE 16000	77.8	81.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	92.6	92.6	92.6	92.6
GE 14000	77.8	81.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	92.6	92.6	92.6	92.6
GE 12000	77.8	81.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	92.6	92.6	92.6	92.6
GE 10000	77.8	81.5	88.9	88.9	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	96.3	96.3	96.3	96.3
GE 9000	77.8	81.5	88.9	88.9	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	96.3	96.3	96.3	96.3
GE 8000	81.5	85.2	92.6	92.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	100.0	100.0	100.0	100.0
GE 7000	81.5	85.2	92.6	92.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	100.0	100.0	100.0	100.0
GE 6000	81.5	85.2	92.6	92.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	100.0	100.0	100.0	100.0
GE 5000	81.5	85.2	92.6	92.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	100.0	100.0	100.0	100.0
GE 4500	81.5	85.2	92.6	92.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	100.0	100.0	100.0	100.0
GE 4000	81.5	85.2	92.6	92.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	100.0	100.0	100.0	100.0
GE 3500	81.5	85.2	92.6	92.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	100.0	100.0	100.0	100.0
GE 3000	81.5	85.2	92.6	92.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	100.0	100.0	100.0	100.0
GE 2500	81.5	85.2	92.6	92.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	100.0	100.0	100.0	100.0
GE 2000	81.5	85.2	92.6	92.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	100.0	100.0	100.0	100.0
GE 1800	81.5	85.2	92.6	92.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	100.0	100.0	100.0	100.0
GE 1500	81.5	85.2	92.6	92.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	100.0	100.0	100.0	100.0
GE 1200	81.5	85.2	92.6	92.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	100.0	100.0	100.0	100.0
GE 1000	81.5	85.2	92.6	92.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	100.0	100.0	100.0	100.0
GE 900	81.5	85.2	92.6	92.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	100.0	100.0	100.0	100.0
GE 800	81.5	85.2	92.6	92.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	100.0	100.0	100.0	100.0
GE 700	81.5	85.2	92.6	92.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	100.0	100.0	100.0	100.0
GE 600	81.5	85.2	92.6	92.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	100.0	100.0	100.0	100.0
GE 500	81.5	85.2	92.6	92.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	100.0	100.0	100.0	100.0
GE 400	81.5	85.2	92.6	92.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	100.0	100.0	100.0	100.0
GE 300	81.5	85.2	92.6	92.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	100.0	100.0	100.0	100.0
GE 200	81.5	85.2	92.6	92.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	100.0	100.0	100.0	100.0
GE 100	81.5	85.2	92.6	92.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	100.0	100.0	100.0	100.0
GE 000	81.5	85.2	92.6	92.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 27

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.4	54.3	62.6	64.2	64.9	64.9	65.6	65.6	65.6	65.9	65.9	65.9	66.6	66.6	66.9	66.9
GE 20000	51.7	66.2	75.2	76.8	77.5	77.8	78.8	78.8	78.8	79.1	79.1	79.1	79.8	79.8	80.1	80.1
GE 18000	51.7	66.6	75.5	77.2	77.8	78.1	79.1	79.1	79.1	79.5	79.5	79.5	80.1	80.1	80.5	80.5
GE 16000	52.0	66.9	75.8	77.5	78.1	78.5	79.5	79.5	79.5	79.8	79.8	79.8	80.5	80.5	80.8	80.8
GE 14000	52.0	67.2	76.2	77.8	78.5	78.8	79.8	79.8	79.8	80.1	80.1	80.1	80.8	80.8	81.1	81.1
GE 12000	53.0	68.2	77.5	79.1	79.8	80.1	81.1	81.1	81.1	81.5	81.5	81.5	82.1	82.1	82.5	82.5
GE 10000	56.3	73.5	83.1	85.1	86.1	86.4	87.4	87.4	87.4	87.7	87.7	87.7	88.4	88.4	88.7	88.7
GE 9000	56.3	73.5	83.1	85.1	86.1	86.4	87.4	87.4	87.4	87.7	87.7	87.7	88.4	88.4	88.7	88.7
GE 8000	60.9	78.1	88.1	90.1	91.1	91.4	92.4	92.4	92.4	92.7	92.7	92.7	93.4	93.4	93.7	93.7
GE 7000	60.9	78.1	88.4	90.4	91.4	91.7	92.7	92.7	92.7	93.0	93.0	93.0	93.7	93.7	94.0	94.0
GE 6000	61.6	78.8	89.1	91.1	92.1	92.4	93.4	93.4	93.4	93.7	93.7	93.7	94.4	94.4	94.7	94.7
GE 5000	61.6	78.8	89.1	91.1	92.1	92.4	93.4	93.4	93.4	93.7	93.7	93.7	94.4	94.4	94.7	94.7
GE 4500	61.6	78.8	89.1	91.1	92.1	92.4	93.4	93.4	93.4	93.7	93.7	93.7	94.4	94.4	94.7	94.7
GE 4000	61.9	79.5	89.7	91.7	92.7	93.0	94.0	94.0	94.0	94.4	94.4	94.4	95.0	95.0	95.4	95.4
GE 3500	61.9	79.5	90.1	92.1	93.0	93.4	94.4	94.4	94.4	94.7	94.7	94.7	95.4	95.4	95.7	95.7
GE 3000	62.6	80.1	90.7	92.7	93.7	94.0	95.0	95.0	95.0	95.4	95.4	95.4	96.0	96.0	96.4	96.4
GE 2500	63.6	81.1	91.7	93.7	94.7	95.0	96.0	96.0	96.0	96.4	96.4	96.4	97.0	97.0	97.4	97.4
GE 2000	63.6	81.1	92.4	94.4	95.4	95.7	96.7	96.7	96.7	97.0	97.0	97.0	97.7	97.7	98.0	98.0
GE 1800	63.6	81.1	92.4	94.4	95.4	95.7	96.7	96.7	96.7	97.0	97.0	97.0	97.7	97.7	98.0	98.0
GE 1500	63.9	81.8	93.0	95.0	96.0	96.4	97.4	97.4	97.4	97.7	97.7	97.7	98.3	98.3	98.7	98.7
GE 1200	63.9	81.8	93.4	95.4	96.4	96.7	97.7	97.7	97.7	98.0	98.0	98.0	98.7	98.7	99.0	99.0
GE 1000	63.9	81.8	93.4	95.4	96.4	96.7	97.7	97.7	97.7	98.0	98.0	98.0	98.7	98.7	99.0	99.0
GE 900	63.9	81.8	93.4	95.4	96.4	96.7	97.7	97.7	97.7	98.0	98.0	98.0	98.7	98.7	99.0	99.0
GE 800	63.9	81.8	93.4	95.4	96.4	96.7	98.0	98.0	98.0	98.3	98.3	98.3	99.0	99.0	99.3	99.3
GE 700	63.9	81.8	93.4	95.4	96.4	96.7	98.0	98.0	98.0	98.3	98.3	98.3	99.0	99.0	99.3	99.3
GE 600	63.9	81.8	93.4	95.4	96.4	96.7	98.0	98.0	98.0	98.3	98.3	98.3	99.0	99.0	99.3	99.3
GE 500	64.2	82.1	93.7	95.7	96.7	97.0	98.3	98.3	98.3	98.7	98.7	98.7	99.3	99.3	99.7	99.7
GE 400	64.2	82.1	94.0	96.0	97.0	97.4	98.7	98.7	98.7	99.0	99.0	99.0	99.7	99.7	100.0	100.0
GE 300	64.2	82.1	94.0	96.0	97.0	97.4	98.7	98.7	98.7	99.0	99.0	99.0	99.7	99.7	100.0	100.0
GE 200	64.2	82.1	94.0	96.0	97.0	97.4	98.7	98.7	98.7	99.0	99.0	99.0	99.7	99.7	100.0	100.0
GE 100	64.2	82.1	94.0	96.0	97.0	97.4	98.7	98.7	98.7	99.0	99.0	99.0	99.7	99.7	100.0	100.0
GE 000	64.2	82.1	94.0	96.0	97.0	97.4	98.7	98.7	98.7	99.0	99.0	99.0	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 302

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.6	49.6	52.6	52.8	52.8	53.0	53.5	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 20000	55.1	67.6	71.2	71.4	71.4	71.7	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 18000	55.4	68.0	71.7	71.8	71.8	72.1	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 16000	55.4	68.0	71.7	71.8	71.8	72.1	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 14000	56.0	68.7	72.4	72.5	72.5	72.8	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 12000	57.0	69.8	73.5	73.6	73.6	73.9	74.3	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 10000	62.9	76.2	80.4	80.7	80.7	81.0	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 9000	63.8	77.0	81.2	81.5	81.5	81.8	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 8000	68.5	82.4	87.0	87.3	87.3	87.6	88.0	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 7000	68.7	82.7	87.3	87.6	87.6	87.9	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 6000	68.7	82.7	87.3	87.6	87.6	87.9	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 5000	68.7	82.7	87.3	87.6	87.6	87.9	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 4500	68.7	82.7	87.3	87.6	87.6	87.9	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 4000	68.7	82.7	87.3	87.6	87.6	87.9	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 3500	69.1	83.4	88.0	88.3	88.3	88.6	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 3000	72.6	87.2	92.0	92.2	92.2	92.5	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 2500	73.9	88.9	94.1	94.4	94.5	94.8	95.3	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.9	95.9
GE 2000	74.9	90.1	95.6	96.3	96.5	96.8	97.3	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.9	97.9
GE 1800	74.9	90.1	95.6	96.3	96.5	96.8	97.3	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.9	97.9
GE 1500	75.0	90.6	96.1	96.9	97.2	97.5	98.0	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.6	98.6
GE 1200	75.0	90.6	96.1	96.9	97.2	97.5	98.0	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.6	98.6
GE 1000	75.5	91.1	96.8	97.6	97.9	98.2	98.7	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.3	99.3
GE 900	75.6	91.3	96.9	97.7	98.0	98.3	98.9	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.4	99.4
GE 800	75.6	91.3	96.9	97.7	98.0	98.3	98.9	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.4	99.4
GE 700	75.6	91.3	96.9	97.7	98.0	98.3	98.9	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.4	99.4
GE 600	75.6	91.3	97.2	98.0	98.3	98.6	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.7	99.7
GE 500	75.7	91.4	97.3	98.2	98.4	98.7	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.9	100.0
GE 400	75.7	91.4	97.3	98.2	98.4	98.7	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.9	100.0
GE 300	75.7	91.4	97.3	98.2	98.4	98.7	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.9	100.0
GE 200	75.7	91.4	97.3	98.2	98.4	98.7	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.9	100.0
GE 100	75.7	91.4	97.3	98.2	98.4	98.7	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.9	100.0
GE 000	75.7	91.4	97.3	98.2	98.4	98.7	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 709

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	29.6	37.2	38.1	38.4	38.8	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 20000	49.7	59.7	61.5	61.9	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 18000	49.7	59.7	61.5	61.9	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 16000	49.9	59.8	61.6	62.0	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 14000	50.8	60.8	62.6	63.0	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 12000	51.8	61.7	63.5	64.1	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 10000	58.1	69.6	71.7	72.7	73.5	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 9000	58.8	70.3	72.4	73.3	74.2	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 8000	63.0	75.1	77.5	78.6	79.4	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 7000	63.0	75.1	77.6	78.9	79.7	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 6000	63.0	75.1	77.6	78.9	79.7	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 5000	63.1	75.3	77.8	79.0	79.8	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 4500	63.1	75.3	77.8	79.0	79.8	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 4000	63.7	76.4	78.9	80.1	80.9	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 3500	65.1	78.2	80.9	82.3	83.3	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 3000	70.7	85.1	89.0	90.6	92.0	92.4	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 2500	73.5	88.4	92.5	94.2	95.7	96.1	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2000	74.4	89.4	93.5	95.2	96.8	97.2	97.8	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 1800	74.4	89.4	93.5	95.2	96.8	97.2	97.8	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 1500	75.0	90.1	94.2	95.9	97.5	97.9	98.5	98.6	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.0
GE 1200	75.1	90.2	94.3	96.0	97.7	98.1	98.6	98.8	98.8	98.9	99.0	99.0	99.2	99.2	99.2	99.2
GE 1000	75.7	90.7	94.9	96.5	98.2	98.6	99.2	99.3	99.3	99.4	99.7	99.7	99.9	99.9	99.9	99.9
GE 900	75.7	90.7	94.9	96.5	98.2	98.6	99.2	99.3	99.3	99.4	99.7	99.7	99.9	99.9	99.9	99.9
GE 800	75.7	90.7	94.9	96.5	98.2	98.6	99.2	99.3	99.3	99.4	99.7	99.7	99.9	99.9	99.9	99.9
GE 700	75.7	90.7	94.9	96.5	98.2	98.6	99.2	99.3	99.3	99.4	99.7	99.7	99.9	99.9	99.9	99.9
GE 600	75.8	90.9	95.0	96.7	98.3	98.8	99.3	99.4	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 500	75.8	90.9	95.0	96.7	98.3	98.8	99.3	99.4	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	75.8	90.9	95.0	96.7	98.3	98.8	99.3	99.4	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	75.8	90.9	95.0	96.7	98.3	98.8	99.3	99.4	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	75.8	90.9	95.0	96.7	98.3	98.8	99.3	99.4	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	75.8	90.9	95.0	96.7	98.3	98.8	99.3	99.4	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	75.8	90.9	95.0	96.7	98.3	98.8	99.3	99.4	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 724

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	28.1	33.4	35.1	35.3	35.5	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
GE 20000	54.4	62.2	65.3	65.9	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 18000	55.0	62.7	65.9	66.5	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 16000	55.0	62.7	65.9	66.5	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 14000	55.8	63.9	67.1	67.6	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 12000	56.5	64.6	67.8	68.3	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 10000	62.9	71.7	75.3	76.3	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 9000	63.0	71.8	75.4	76.4	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 8000	70.2	79.6	83.9	84.9	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 7000	70.6	80.0	84.3	85.3	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 6000	70.6	80.0	84.3	85.3	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 5000	70.8	80.1	84.5	85.6	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 4500	70.8	80.1	84.7	85.9	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 4000	71.7	81.4	86.3	87.5	88.3	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9
GE 3500	72.1	81.9	87.3	88.6	89.5	89.8	89.9	89.9	89.9	89.9	89.9	89.9	90.1	90.1	90.1	90.1
GE 3000	73.7	84.5	90.9	92.5	93.4	93.7	94.0	94.0	94.0	94.1	94.1	94.1	94.4	94.4	94.4	94.5
GE 2500	75.0	86.0	93.1	95.0	96.4	96.7	97.0	97.1	97.1	97.3	97.3	97.3	97.6	97.6	97.6	97.7
GE 2000	75.8	87.1	94.1	96.3	98.0	98.3	98.6	98.7	98.7	98.8	98.8	98.8	99.1	99.1	99.1	99.3
GE 1800	75.8	87.1	94.1	96.3	98.0	98.3	98.6	98.7	98.7	98.8	98.8	98.8	99.1	99.1	99.1	99.3
GE 1500	76.3	87.5	94.5	96.7	98.4	98.7	99.0	99.3	99.3	99.4	99.4	99.4	99.7	99.7	99.7	99.9
GE 1200	76.4	87.6	94.7	96.8	98.6	98.8	99.1	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0
GE 1000	76.4	87.6	94.7	96.8	98.6	98.8	99.1	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0
GE 900	76.4	87.6	94.7	96.8	98.6	98.8	99.1	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0
GE 800	76.4	87.6	94.7	96.8	98.6	98.8	99.1	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0
GE 700	76.4	87.6	94.7	96.8	98.6	98.8	99.1	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0
GE 600	76.4	87.6	94.7	96.8	98.6	98.8	99.1	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0
GE 500	76.4	87.6	94.7	96.8	98.6	98.8	99.1	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0
GE 400	76.4	87.6	94.7	96.8	98.6	98.8	99.1	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0
GE 300	76.4	87.6	94.7	96.8	98.6	98.8	99.1	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0
GE 200	76.4	87.6	94.7	96.8	98.6	98.8	99.1	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0
GE 100	76.4	87.6	94.7	96.8	98.6	98.8	99.1	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0
GE 000	76.4	87.6	94.7	96.8	98.6	98.8	99.1	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 695

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.2	42.0	44.1	44.1	44.6	44.6	44.6	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 20000	62.4	71.9	75.6	76.6	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 18000	62.4	71.9	75.6	76.6	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 16000	62.8	72.4	76.1	77.1	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 14000	63.5	73.0	76.7	77.7	78.5	78.5	78.5	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 12000	64.6	74.2	77.9	78.8	79.6	79.6	79.6	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 10000	69.1	79.0	83.4	84.7	85.6	85.6	86.1	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 9000	69.3	79.2	83.5	84.8	85.8	85.8	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 8000	74.3	84.8	89.7	91.1	92.9	93.1	93.7	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 7000	74.6	85.1	90.1	91.6	93.4	93.5	94.2	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 6000	74.6	85.1	90.1	91.6	93.4	93.5	94.2	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 5000	74.6	85.1	90.1	91.6	93.4	93.5	94.2	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 4500	74.6	85.1	90.1	91.6	93.4	93.5	94.2	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 4000	75.1	85.9	91.0	92.4	94.2	94.3	95.0	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 3500	75.6	86.8	91.9	93.4	95.2	95.3	96.0	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 3000	76.4	87.7	93.4	94.8	96.6	96.8	97.7	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2500	76.7	88.2	94.0	95.6	97.6	97.7	98.7	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 2000	76.9	88.4	94.2	95.8	97.7	97.9	98.9	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1800	76.9	88.4	94.2	95.8	97.7	97.9	98.9	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	77.5	89.0	94.8	96.4	98.4	98.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	77.5	89.0	94.8	96.4	98.4	98.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	77.5	89.0	94.8	96.4	98.4	98.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	77.5	89.0	94.8	96.4	98.4	98.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	77.5	89.0	94.8	96.4	98.4	98.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	77.5	89.0	94.8	96.4	98.4	98.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	77.5	89.0	94.8	96.4	98.4	98.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	77.5	89.0	94.8	96.4	98.4	98.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	77.5	89.0	94.8	96.4	98.4	98.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	77.5	89.0	94.8	96.4	98.4	98.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	77.5	89.0	94.8	96.4	98.4	98.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	77.5	89.0	94.8	96.4	98.4	98.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	77.5	89.0	94.8	96.4	98.4	98.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 619

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.5	63.8	66.4	66.8	66.8	66.8	68.1	68.1	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 20000	71.5	83.4	88.5	88.9	89.4	89.4	90.6	90.6	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 18000	71.5	83.4	88.5	88.9	89.4	89.4	90.6	90.6	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 16000	71.5	83.4	88.5	88.9	89.4	89.4	90.6	90.6	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 14000	71.5	83.4	88.5	88.9	89.4	89.4	90.6	90.6	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 12000	71.9	83.8	88.9	89.4	89.8	89.8	91.1	91.1	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 10000	74.5	86.8	91.9	92.3	92.8	92.8	94.0	94.0	94.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 9000	74.5	86.8	91.9	92.3	92.8	92.8	94.0	94.0	94.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 8000	74.9	88.5	93.6	94.0	94.9	94.9	96.2	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 7000	75.3	88.9	94.0	94.5	95.3	95.3	96.6	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 6000	75.3	88.9	94.0	94.5	95.3	95.3	96.6	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 5000	75.3	88.9	94.0	94.5	95.3	95.3	96.6	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 4500	75.3	88.9	94.0	94.5	95.3	95.3	96.6	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 4000	75.3	88.9	94.0	94.5	95.3	95.3	96.6	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 3500	75.3	88.9	94.0	94.5	95.3	95.3	96.6	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 3000	76.2	89.8	95.3	95.7	96.6	96.6	97.9	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2500	76.2	89.8	95.3	95.7	96.6	96.6	97.9	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2000	76.2	89.8	95.3	95.7	96.6	96.6	97.9	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1800	76.2	89.8	95.3	95.7	96.6	96.6	97.9	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500	76.6	90.2	95.7	96.2	97.0	97.0	98.3	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	76.6	90.2	95.7	96.2	97.0	97.0	98.3	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	77.0	90.6	96.2	96.6	97.4	97.4	98.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	77.0	90.6	96.2	96.6	97.4	97.4	98.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	77.0	90.6	96.2	96.6	97.4	97.4	98.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	77.0	90.6	96.2	96.6	97.4	97.4	98.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	77.0	90.6	96.2	96.6	97.4	97.4	98.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	77.0	90.6	96.2	96.6	97.4	97.4	98.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	77.0	90.6	96.2	96.6	97.4	97.4	98.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	77.0	90.6	96.2	96.6	97.4	97.4	98.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	77.0	90.6	96.2	96.6	97.4	97.4	98.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	77.0	90.6	96.2	96.6	97.4	97.4	98.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	77.0	90.6	96.2	96.6	97.4	97.4	98.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 235

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.9	43.9	46.5	46.8	47.1	47.2	47.5	47.5	47.5	47.6	47.6	47.6	47.7	47.7	47.7	47.7
GE 20000	56.3	66.7	70.4	71.0	71.5	71.7	71.9	71.9	71.9	72.1	72.1	72.1	72.2	72.2	72.2	72.2
GE 18000	56.5	66.9	70.7	71.3	71.7	71.9	72.2	72.2	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.4
GE 16000	56.6	67.1	70.8	71.4	71.8	72.1	72.3	72.3	72.3	72.5	72.5	72.5	72.5	72.5	72.6	72.6
GE 14000	57.2	67.8	71.6	72.2	72.6	72.8	73.1	73.1	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.3
GE 12000	58.1	68.8	72.5	73.2	73.6	73.8	74.1	74.1	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.3
GE 10000	63.5	74.9	79.1	80.1	80.7	80.9	81.3	81.3	81.3	81.4	81.4	81.4	81.5	81.5	81.6	81.6
GE 9000	63.8	75.3	79.5	80.5	81.1	81.4	81.7	81.7	81.7	81.9	81.9	81.9	82.0	82.0	82.0	82.0
GE 8000	68.7	80.8	85.4	86.4	87.3	87.5	87.9	88.0	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.2
GE 7000	69.0	81.1	85.8	86.8	87.7	87.9	88.3	88.4	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.6
GE 6000	69.0	81.1	85.8	86.9	87.7	88.0	88.4	88.4	88.4	88.5	88.5	88.5	88.6	88.6	88.7	88.7
GE 5000	69.1	81.2	85.9	86.9	87.8	88.1	88.5	88.5	88.5	88.6	88.6	88.6	88.7	88.7	88.8	88.8
GE 4500	69.1	81.2	86.0	87.0	87.9	88.1	88.5	88.6	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.8
GE 4000	69.5	81.9	86.7	87.8	88.7	88.9	89.4	89.4	89.4	89.6	89.6	89.6	89.7	89.7	89.7	89.7
GE 3500	70.1	82.7	87.8	88.9	89.8	90.0	90.6	90.6	90.6	90.7	90.7	90.7	90.8	90.8	90.9	90.9
GE 3000	72.7	85.8	91.5	92.8	93.7	94.0	94.6	94.7	94.7	94.9	94.9	94.9	95.1	95.1	95.1	95.1
GE 2500	74.0	87.4	93.4	94.7	95.9	96.2	96.9	97.0	97.0	97.2	97.2	97.2	97.4	97.4	97.4	97.4
GE 2000	74.6	88.2	94.3	95.7	97.0	97.3	98.0	98.1	98.1	98.4	98.4	98.4	98.6	98.6	98.6	98.6
GE 1800	74.6	88.2	94.3	95.7	97.0	97.3	98.0	98.1	98.1	98.4	98.4	98.4	98.6	98.6	98.6	98.6
GE 1500	75.0	88.7	94.8	96.3	97.6	97.9	98.6	98.8	98.8	99.0	99.0	99.0	99.2	99.2	99.3	99.3
GE 1200	75.1	88.8	94.9	96.4	97.7	98.0	98.6	98.9	98.9	99.1	99.1	99.1	99.3	99.3	99.4	99.4
GE 1000	75.3	89.0	95.2	96.7	98.0	98.3	98.9	99.2	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7
GE 900	75.3	89.1	95.2	96.7	98.0	98.3	99.0	99.2	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.8
GE 800	75.3	89.1	95.2	96.7	98.0	98.3	99.0	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.8	99.8
GE 700	75.3	89.1	95.2	96.7	98.0	98.3	99.0	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.8	99.8
GE 600	75.4	89.1	95.3	96.8	98.1	98.4	99.1	99.3	99.3	99.5	99.6	99.6	99.8	99.8	99.8	99.9
GE 500	75.4	89.1	95.4	96.9	98.2	98.5	99.2	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.9	100.0
GE 400	75.4	89.1	95.4	96.9	98.2	98.5	99.2	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0
GE 300	75.4	89.1	95.4	96.9	98.2	98.5	99.2	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0
GE 200	75.4	89.1	95.4	96.9	98.2	98.5	99.2	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0
GE 100	75.4	89.1	95.4	96.9	98.2	98.5	99.2	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0
GE 000	75.4	89.1	95.4	96.9	98.2	98.5	99.2	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3325

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 20000	70.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 18000	70.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 16000	70.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 14000	70.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 12000	70.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10000	70.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 9000	70.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 8000	70.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 7000	70.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 6000	70.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5000	70.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4500	70.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000	70.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	70.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	70.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	70.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	70.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	70.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	70.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	70.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	70.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	70.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	70.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	70.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	70.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	70.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	70.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	70.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	70.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	70.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	70.0	80.0	80.0	80.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 10

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	28.6	28.6	42.9	57.1	71.4	71.4	71.4	71.4	71.4	71.4	85.7	85.7	85.7	85.7	85.7	85.7
GE 20000	28.6	28.6	57.1	71.4	85.7	85.7	85.7	85.7	85.7	85.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 18000	28.6	28.6	57.1	71.4	85.7	85.7	85.7	85.7	85.7	85.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 16000	28.6	28.6	57.1	71.4	85.7	85.7	85.7	85.7	85.7	85.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 14000	28.6	28.6	57.1	71.4	85.7	85.7	85.7	85.7	85.7	85.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 12000	28.6	28.6	57.1	71.4	85.7	85.7	85.7	85.7	85.7	85.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 10000	28.6	28.6	57.1	71.4	85.7	85.7	85.7	85.7	85.7	85.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 9000	28.6	28.6	57.1	71.4	85.7	85.7	85.7	85.7	85.7	85.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 8000	28.6	28.6	57.1	71.4	85.7	85.7	85.7	85.7	85.7	85.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 7000	28.6	28.6	57.1	71.4	85.7	85.7	85.7	85.7	85.7	85.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 6000	28.6	28.6	57.1	71.4	85.7	85.7	85.7	85.7	85.7	85.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 5000	28.6	28.6	57.1	71.4	85.7	85.7	85.7	85.7	85.7	85.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 4500	28.6	28.6	57.1	71.4	85.7	85.7	85.7	85.7	85.7	85.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000	28.6	28.6	57.1	71.4	85.7	85.7	85.7	85.7	85.7	85.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	28.6	28.6	57.1	71.4	85.7	85.7	85.7	85.7	85.7	85.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	28.6	28.6	57.1	71.4	85.7	85.7	85.7	85.7	85.7	85.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	28.6	28.6	57.1	71.4	85.7	85.7	85.7	85.7	85.7	85.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	28.6	28.6	57.1	71.4	85.7	85.7	85.7	85.7	85.7	85.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	28.6	28.6	57.1	71.4	85.7	85.7	85.7	85.7	85.7	85.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	28.6	28.6	57.1	71.4	85.7	85.7	85.7	85.7	85.7	85.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	28.6	28.6	57.1	71.4	85.7	85.7	85.7	85.7	85.7	85.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	28.6	28.6	57.1	71.4	85.7	85.7	85.7	85.7	85.7	85.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	28.6	28.6	57.1	71.4	85.7	85.7	85.7	85.7	85.7	85.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	28.6	28.6	57.1	71.4	85.7	85.7	85.7	85.7	85.7	85.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	28.6	28.6	57.1	71.4	85.7	85.7	85.7	85.7	85.7	85.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	28.6	28.6	57.1	71.4	85.7	85.7	85.7	85.7	85.7	85.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	28.6	28.6	57.1	71.4	85.7	85.7	85.7	85.7	85.7	85.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	28.6	28.6	57.1	71.4	85.7	85.7	85.7	85.7	85.7	85.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	28.6	28.6	57.1	71.4	85.7	85.7	85.7	85.7	85.7	85.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	28.6	28.6	57.1	71.4	85.7	85.7	85.7	85.7	85.7	85.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	28.6	28.6	57.1	71.4	85.7	85.7	85.7	85.7	85.7	85.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	28.6	28.6	57.1	71.4	85.7	85.7	85.7	85.7	85.7	85.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	30.0	44.0	50.5	53.3	56.7	57.9	58.5	58.5	58.5	58.8	59.1	59.1	59.1	59.1	59.4	59.4
GE 20000	34.7	53.3	61.0	64.1	67.5	68.7	69.7	70.0	70.0	70.3	70.6	70.6	70.6	70.6	70.9	70.9
GE 18000	34.7	53.3	61.0	64.1	67.5	68.7	69.7	70.0	70.0	70.3	70.6	70.6	70.6	70.6	70.9	70.9
GE 16000	34.7	53.3	61.0	64.1	67.5	68.7	69.7	70.0	70.0	70.3	70.6	70.6	70.6	70.6	70.9	70.9
GE 14000	35.0	53.6	61.3	64.4	67.8	69.0	70.0	70.3	70.3	70.6	70.9	70.9	70.9	70.9	71.2	71.2
GE 12000	35.9	54.8	62.8	66.3	69.7	70.9	71.8	72.1	72.1	72.4	72.8	72.8	72.8	72.8	73.1	73.1
GE 10000	38.1	57.9	66.6	70.3	74.6	75.9	77.1	77.4	77.4	77.7	78.0	78.0	78.0	78.0	78.3	78.3
GE 9000	38.1	57.9	66.6	70.3	74.6	75.9	77.1	77.4	77.4	77.7	78.0	78.0	78.0	78.0	78.3	78.3
GE 8000	42.4	63.5	72.1	76.2	80.5	81.7	83.0	83.3	83.3	83.6	83.9	83.9	83.9	83.9	84.2	84.2
GE 7000	42.4	63.5	72.1	76.2	80.5	81.7	83.0	83.6	83.6	83.9	84.2	84.2	84.2	84.2	84.5	84.5
GE 6000	42.4	63.5	72.1	76.2	80.5	81.7	83.0	83.6	83.6	83.9	84.2	84.2	84.2	84.2	84.5	84.5
GE 5000	42.4	63.5	72.4	76.5	80.8	82.0	83.3	83.9	83.9	84.2	84.5	84.5	84.5	84.5	84.8	84.8
GE 4500	42.4	63.5	72.4	76.5	80.8	82.0	83.3	83.9	83.9	84.2	84.5	84.5	84.5	84.5	84.8	84.8
GE 4000	42.4	63.5	72.4	76.5	80.8	82.0	83.3	83.9	83.9	84.2	84.5	84.5	84.5	84.5	84.8	84.8
GE 3500	42.7	64.1	73.4	77.4	81.7	83.0	84.2	84.8	84.8	85.1	85.4	85.4	85.4	85.4	85.8	85.8
GE 3000	44.0	65.6	74.9	79.3	83.6	84.8	86.1	86.7	86.7	87.0	87.6	87.6	87.6	87.6	87.9	87.9
GE 2500	44.0	65.6	75.2	79.6	83.9	85.1	86.4	87.0	87.0	87.3	87.9	87.9	87.9	87.9	88.2	88.2
GE 2000	44.6	66.6	76.8	81.4	85.8	87.0	88.2	89.2	89.2	89.5	90.1	90.1	90.1	90.1	90.4	90.4
GE 1800	44.6	66.6	76.8	81.4	85.8	87.0	88.2	89.2	89.2	89.5	90.1	90.1	90.1	90.1	90.4	90.4
GE 1500	44.9	66.9	77.1	81.7	86.1	87.3	88.5	89.5	89.5	89.8	90.4	90.4	90.4	90.4	90.7	90.7
GE 1200	44.9	66.9	77.1	81.7	86.1	87.3	88.5	89.5	89.5	89.8	90.4	90.4	90.4	90.4	90.7	90.7
GE 1000	45.2	67.5	78.6	83.3	87.9	89.2	91.0	92.0	92.0	93.2	93.8	93.8	93.8	93.8	94.1	94.1
GE 900	45.2	67.5	78.6	83.6	88.2	89.5	91.3	92.3	92.3	93.5	94.1	94.1	94.1	94.1	94.4	94.4
GE 800	45.2	67.5	78.6	83.6	88.5	89.8	91.6	92.6	92.6	94.1	94.7	94.7	94.7	94.7	95.0	95.0
GE 700	45.2	68.1	79.3	84.2	89.2	90.7	92.6	93.5	93.5	95.0	95.7	95.7	95.7	95.7	96.0	96.0
GE 600	45.2	68.1	79.6	84.5	89.5	91.0	93.5	94.4	94.4	96.0	96.6	96.6	96.6	96.6	96.9	96.9
GE 500	45.2	68.4	79.9	84.8	89.8	91.3	94.1	95.4	95.4	96.9	97.5	97.5	97.5	97.5	97.8	97.8
GE 400	45.2	68.4	80.5	85.4	90.7	92.3	95.0	96.6	96.6	98.1	98.8	98.8	98.8	98.8	99.1	99.1
GE 300	45.2	68.4	80.5	85.4	90.7	92.3	95.7	97.2	97.2	98.8	99.4	99.4	99.4	99.4	99.7	99.7
GE 200	45.2	68.4	80.5	85.4	90.7	92.3	95.7	97.2	97.2	98.8	99.4	99.4	99.4	99.4	99.7	99.7
GE 100	45.2	68.4	80.5	85.4	90.7	92.3	95.7	97.2	97.2	98.8	99.4	99.4	99.4	99.4	100.0	100.0
GE 000	45.2	68.4	80.5	85.4	90.7	92.3	95.7	97.2	97.2	98.8	99.4	99.4	99.4	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 323

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	29.7	39.9	45.1	47.4	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 20000	41.8	54.7	60.9	63.4	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 18000	42.0	54.9	61.1	63.6	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 16000	42.6	55.5	61.7	64.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 14000	43.3	56.3	62.5	65.0	67.1	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 12000	44.5	57.6	63.8	66.4	68.7	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 10000	48.6	62.4	68.6	71.3	74.3	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 9000	48.6	62.5	68.7	71.4	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 8000	52.4	67.8	74.3	77.1	80.4	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 7000	52.4	67.9	74.5	77.2	80.5	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 6000	52.4	67.9	74.5	77.2	80.5	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 5000	52.5	68.0	74.6	77.4	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 4500	52.5	68.0	74.6	77.4	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 4000	52.6	68.2	74.7	77.5	80.9	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 3500	54.1	70.1	77.0	79.7	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 3000	57.9	74.3	81.7	84.5	88.2	88.2	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 2500	60.7	77.4	84.9	87.6	91.4	91.4	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 2000	61.4	78.6	86.2	89.1	93.2	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1800	61.4	78.6	86.2	89.1	93.2	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1500	62.4	79.9	87.6	90.5	94.6	94.6	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1200	63.0	80.7	88.6	91.4	95.5	95.5	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1000	63.4	81.3	89.5	92.6	96.8	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 900	63.7	81.6	89.7	92.9	97.2	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 800	63.8	81.8	90.1	93.3	97.6	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	63.8	81.8	90.1	93.3	97.9	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	63.8	81.8	90.4	93.7	98.3	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	64.1	82.1	90.8	94.1	98.7	98.8	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	64.1	82.1	90.8	94.1	98.7	98.8	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	64.1	82.1	90.8	94.1	98.7	98.8	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	64.1	82.1	90.8	94.1	98.7	98.8	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	64.1	82.1	90.8	94.1	98.7	98.8	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	64.1	82.1	90.8	94.1	98.7	98.8	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 760

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	24.7	29.8	33.1	34.6	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 20000	40.1	49.2	53.5	56.0	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 18000	41.2	50.4	54.6	57.1	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 16000	41.9	51.0	55.3	57.8	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 14000	42.6	51.9	56.1	58.6	59.4	59.5	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 12000	44.5	53.9	58.1	60.7	61.5	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 10000	48.1	58.6	63.4	65.9	67.3	67.5	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 9000	48.1	58.9	63.8	66.3	67.7	67.9	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 8000	53.6	65.3	70.9	73.7	75.2	75.4	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 7000	53.6	65.3	70.9	73.7	75.2	75.4	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 6000	53.6	65.3	71.1	73.8	75.3	75.6	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 5000	53.6	65.3	71.1	73.8	75.3	75.6	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 4500	53.6	65.3	71.1	73.8	75.3	75.6	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 4000	54.5	66.4	72.2	75.1	76.8	77.1	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 3500	56.0	68.3	74.7	77.6	79.3	79.6	80.5	80.7	80.7	80.8	80.8	80.8	81.0	81.0	81.0	81.0
GE 3000	61.0	75.6	83.1	86.3	88.5	88.7	89.8	90.2	90.2	90.6	90.6	90.6	90.9	90.9	91.0	91.0
GE 2500	62.9	78.1	85.6	89.2	91.5	91.9	93.2	93.6	93.6	94.0	94.0	94.0	94.2	94.2	94.4	94.4
GE 2000	63.7	79.2	87.2	91.0	93.2	93.6	95.0	95.4	95.4	95.7	95.7	95.7	96.0	96.0	96.1	96.1
GE 1800	63.8	79.3	87.3	91.1	93.4	93.7	95.1	95.5	95.5	95.9	95.9	95.9	96.1	96.1	96.2	96.2
GE 1500	65.0	81.1	89.3	93.2	95.7	96.1	97.5	97.9	97.9	98.2	98.2	98.2	98.5	98.5	98.6	98.6
GE 1200	65.0	81.1	89.5	93.4	95.9	96.2	97.6	98.0	98.0	98.4	98.4	98.4	98.6	98.6	98.7	98.7
GE 1000	65.4	81.6	90.1	94.0	96.6	97.0	98.4	98.7	98.7	99.1	99.1	99.1	99.4	99.4	99.5	99.5
GE 900	65.5	81.7	90.2	94.1	96.7	97.1	98.5	98.9	98.9	99.4	99.4	99.4	99.6	99.6	99.7	99.7
GE 800	65.5	81.8	90.4	94.2	96.9	97.2	98.6	99.0	99.0	99.5	99.5	99.5	99.7	99.7	99.9	99.9
GE 700	65.5	81.8	90.5	94.4	97.0	97.4	98.7	99.1	99.1	99.6	99.6	99.6	99.9	99.9	100.0	100.0
GE 600	65.5	81.8	90.5	94.4	97.0	97.4	98.7	99.1	99.1	99.6	99.6	99.6	99.9	99.9	100.0	100.0
GE 500	65.5	81.8	90.5	94.4	97.0	97.4	98.7	99.1	99.1	99.6	99.6	99.6	99.9	99.9	100.0	100.0
GE 400	65.5	81.8	90.5	94.4	97.0	97.4	98.7	99.1	99.1	99.6	99.6	99.6	99.9	99.9	100.0	100.0
GE 300	65.5	81.8	90.5	94.4	97.0	97.4	98.7	99.1	99.1	99.6	99.6	99.6	99.9	99.9	100.0	100.0
GE 200	65.5	81.8	90.5	94.4	97.0	97.4	98.7	99.1	99.1	99.6	99.6	99.6	99.9	99.9	100.0	100.0
GE 100	65.5	81.8	90.5	94.4	97.0	97.4	98.7	99.1	99.1	99.6	99.6	99.6	99.9	99.9	100.0	100.0
GE 000	65.5	81.8	90.5	94.4	97.0	97.4	98.7	99.1	99.1	99.6	99.6	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 798

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	23.7	28.5	31.2	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
GE 20000	45.8	54.6	59.7	62.9	63.7	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 18000	45.9	54.8	60.1	63.3	64.1	64.1	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 16000	46.0	54.9	60.2	63.4	64.2	64.2	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 14000	46.7	55.6	60.9	64.1	65.1	65.4	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 12000	47.9	57.0	62.6	65.9	67.1	67.6	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 10000	50.8	61.4	67.1	70.6	72.0	72.5	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 9000	51.3	61.9	68.0	71.5	72.9	73.5	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 8000	56.9	69.4	76.8	80.8	82.2	82.8	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 7000	57.3	69.9	77.3	81.3	82.8	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 6000	57.4	70.0	77.5	81.4	82.9	83.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 5000	57.7	70.3	77.7	81.7	83.2	83.7	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 4500	58.0	70.7	78.1	82.1	83.6	84.1	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 4000	58.6	71.8	79.3	83.3	84.9	85.4	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 3500	59.2	73.1	80.9	84.9	86.5	87.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 3000	61.8	76.7	85.5	89.7	92.0	92.7	93.9	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 2500	62.7	77.9	86.7	91.1	93.8	94.6	95.8	96.0	96.2	96.4	96.4	96.4	96.6	96.6	96.6	96.6
GE 2000	63.3	78.8	87.8	92.2	95.2	96.0	97.3	97.6	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.1
GE 1800	63.3	78.8	87.8	92.2	95.2	96.0	97.3	97.6	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.1
GE 1500	63.5	79.3	88.6	93.0	96.0	96.8	98.1	98.4	98.5	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE 1200	63.7	79.4	88.7	93.1	96.2	96.9	98.3	98.5	98.7	98.9	98.9	98.9	99.1	99.1	99.1	99.1
GE 1000	63.9	79.7	89.5	93.9	96.9	97.7	99.1	99.3	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 900	63.9	79.7	89.5	93.9	96.9	97.7	99.1	99.3	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 800	63.9	79.7	89.5	93.9	96.9	97.7	99.1	99.3	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 700	63.9	79.7	89.5	93.9	96.9	97.7	99.1	99.3	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 600	63.9	79.7	89.5	93.9	96.9	97.7	99.1	99.3	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 500	63.9	79.7	89.5	93.9	96.9	97.7	99.1	99.3	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	63.9	79.7	89.5	93.9	96.9	97.7	99.1	99.3	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	63.9	79.7	89.5	93.9	96.9	97.7	99.1	99.3	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	63.9	79.7	89.5	93.9	96.9	97.7	99.1	99.3	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	63.9	79.7	89.5	93.9	96.9	97.7	99.1	99.3	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	63.9	79.7	89.5	93.9	96.9	97.7	99.1	99.3	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 754

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.6	43.8	47.2	48.7	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 20000	54.8	65.4	71.5	75.0	77.6	77.6	77.9	77.9	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 18000	54.8	65.4	71.5	75.0	77.6	77.6	77.9	77.9	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 16000	54.8	65.4	71.5	75.0	77.6	77.6	77.9	77.9	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 14000	54.8	65.4	71.5	75.0	77.8	77.8	78.4	78.4	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 12000	55.1	65.8	72.0	75.7	78.6	78.7	79.3	79.3	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 10000	57.1	68.6	75.3	79.2	82.4	82.5	83.2	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 9000	57.1	68.6	75.3	79.3	82.5	82.7	83.3	83.5	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 8000	63.4	76.4	83.5	88.2	91.7	91.9	92.5	92.6	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 7000	63.4	76.4	83.5	88.2	91.7	91.9	92.5	92.6	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 6000	63.6	76.6	83.6	88.4	91.9	92.0	92.6	92.8	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 5000	63.6	76.6	83.6	88.4	91.9	92.0	92.6	92.8	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 4500	63.6	76.6	83.6	88.4	91.9	92.0	92.6	92.8	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 4000	63.9	76.9	83.9	88.7	92.2	92.3	93.0	93.1	93.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 3500	64.0	77.3	84.4	89.1	92.6	92.8	93.4	93.6	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 3000	66.0	79.5	87.0	91.7	95.3	95.4	96.2	96.3	96.3	96.8	96.8	96.8	96.9	96.9	96.9	96.9
GE 2500	66.3	79.8	87.3	92.0	95.6	95.7	96.5	96.6	96.6	97.1	97.1	97.1	97.2	97.2	97.2	97.2
GE 2000	66.6	80.1	87.7	92.6	96.2	96.3	97.4	97.5	97.5	98.0	98.0	98.0	98.2	98.2	98.2	98.2
GE 1800	66.6	80.1	87.7	92.6	96.2	96.3	97.4	97.5	97.5	98.0	98.0	98.0	98.2	98.2	98.2	98.2
GE 1500	66.8	80.4	88.4	93.3	96.8	96.9	98.0	98.2	98.2	98.6	98.6	98.6	98.8	98.8	98.8	98.8
GE 1200	66.9	80.6	88.5	93.4	96.9	97.1	98.2	98.3	98.3	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE 1000	66.9	80.6	88.7	93.6	97.4	97.5	98.6	98.8	98.8	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 900	67.1	80.7	88.8	93.7	97.5	97.7	98.8	98.9	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 800	67.1	80.7	88.8	93.7	97.5	97.7	98.8	98.9	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 700	67.1	80.7	88.8	93.7	97.5	97.7	98.8	98.9	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 600	67.1	80.7	88.8	93.9	97.7	97.9	98.9	99.1	99.1	99.5	99.5	99.5	99.7	99.7	99.7	99.7
GE 500	67.1	80.7	88.8	93.9	97.7	97.9	98.9	99.1	99.1	99.5	99.5	99.5	99.7	99.7	99.7	99.7
GE 400	67.1	80.7	88.8	93.9	97.7	97.9	98.9	99.1	99.1	99.5	99.5	99.5	99.8	99.8	99.8	99.8
GE 300	67.1	80.7	88.8	93.9	97.7	97.9	98.9	99.1	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0
GE 200	67.1	80.7	88.8	93.9	97.7	97.9	98.9	99.1	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0
GE 100	67.1	80.7	88.8	93.9	97.7	97.9	98.9	99.1	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0
GE 000	67.1	80.7	88.8	93.9	97.7	97.9	98.9	99.1	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 653

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.1	59.7	65.9	69.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 20000	59.7	71.7	79.2	84.5	88.1	88.9	88.9	88.9	88.9	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 18000	59.7	71.7	79.2	84.5	88.1	88.9	88.9	88.9	88.9	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 16000	59.7	71.7	79.2	84.5	88.1	88.9	88.9	88.9	88.9	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 14000	59.7	71.7	79.2	84.5	88.5	89.4	89.4	89.4	89.4	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 12000	60.2	72.1	79.6	85.0	88.9	89.8	89.8	89.8	89.8	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 10000	61.9	73.9	81.4	86.7	90.7	91.6	91.6	92.0	92.0	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 9000	61.9	73.9	81.4	86.7	90.7	91.6	91.6	92.0	92.0	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 8000	65.9	77.9	85.4	91.2	96.0	96.9	96.9	97.3	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 7000	65.9	77.9	85.4	91.2	96.0	96.9	96.9	97.3	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 6000	65.9	77.9	85.4	91.2	96.0	96.9	96.9	97.3	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 5000	65.9	77.9	85.4	91.2	96.0	96.9	96.9	97.3	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 4500	65.9	77.9	85.4	91.2	96.0	96.9	96.9	97.3	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 4000	65.9	77.9	85.4	91.2	96.0	96.9	96.9	97.3	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 3500	65.9	77.9	85.4	91.2	96.0	96.9	96.9	97.3	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 3000	66.4	78.3	85.8	91.6	96.5	97.3	97.3	97.8	97.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 2500	66.4	78.3	85.8	91.6	96.5	97.3	97.3	97.8	97.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 2000	66.8	78.8	86.3	92.0	96.9	97.8	97.8	98.2	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1800	66.8	78.8	86.3	92.0	96.9	97.8	97.8	98.2	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500	66.8	78.8	86.3	92.0	96.9	97.8	97.8	98.2	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	66.8	78.8	86.3	92.0	96.9	97.8	97.8	98.2	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	66.8	78.8	86.3	92.0	96.9	97.8	97.8	98.2	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	66.8	78.8	86.3	92.0	96.9	97.8	97.8	98.2	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	66.8	78.8	86.3	92.0	96.9	97.8	97.8	98.2	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	66.8	78.8	86.3	92.0	96.9	97.8	97.8	98.2	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	66.8	78.8	86.3	92.0	96.9	97.8	97.8	98.2	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	66.8	78.8	86.3	92.0	96.9	97.8	97.8	98.2	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	66.8	78.8	86.7	92.5	97.3	98.2	98.2	98.7	98.7	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE 300	66.8	78.8	86.7	92.5	97.3	98.2	98.2	98.7	98.7	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE 200	66.8	78.8	86.7	92.5	97.3	98.2	98.2	98.7	98.7	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE 100	66.8	78.8	86.7	92.5	97.3	98.2	98.2	98.7	98.7	99.6	99.6	99.6	100.0	100.0	100.0	100.0
GE 000	66.8	78.8	86.7	92.5	97.3	98.2	98.2	98.7	98.7	99.6	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 226

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	30.3	37.6	41.7	43.6	44.9	45.0	45.1	45.1	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2
GE 20000	45.2	56.4	62.2	65.3	67.1	67.3	67.5	67.6	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8
GE 18000	45.5	56.7	62.5	65.6	67.5	67.7	67.9	68.0	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2
GE 16000	45.9	57.0	62.8	65.9	67.8	68.0	68.3	68.3	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5
GE 14000	46.3	57.6	63.4	66.5	68.5	68.7	69.2	69.2	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4
GE 12000	47.4	58.9	64.7	67.9	70.1	70.4	70.9	70.9	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1
GE 10000	50.4	62.8	69.0	72.3	74.9	75.3	75.8	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.1	76.1
GE 9000	50.6	63.0	69.3	72.6	75.2	75.6	76.1	76.2	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4
GE 8000	55.6	69.4	76.3	80.0	82.8	83.1	83.7	83.7	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0
GE 7000	55.7	69.5	76.4	80.1	82.9	83.3	83.8	83.9	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.2
GE 6000	55.8	69.6	76.5	80.2	83.0	83.4	83.9	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 5000	55.8	69.6	76.6	80.3	83.1	83.5	84.1	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.5	84.5
GE 4500	55.9	69.7	76.7	80.4	83.2	83.6	84.1	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 4000	56.3	70.3	77.3	81.0	83.9	84.3	84.9	85.0	85.0	85.2	85.3	85.3	85.3	85.3	85.3	85.3
GE 3500	57.2	71.6	78.8	82.6	85.5	85.9	86.6	86.8	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.1
GE 3000	60.2	75.4	83.4	87.3	90.5	90.9	91.8	92.0	92.0	92.4	92.4	92.4	92.5	92.5	92.6	92.6
GE 2500	61.5	77.0	85.0	89.0	92.4	92.8	93.7	94.0	94.0	94.3	94.4	94.4	94.5	94.5	94.6	94.6
GE 2000	62.1	77.9	86.1	90.3	93.7	94.2	95.2	95.5	95.5	95.8	95.9	95.9	96.0	96.0	96.1	96.1
GE 1800	62.1	77.9	86.2	90.3	93.8	94.2	95.2	95.5	95.6	95.9	96.0	96.0	96.1	96.1	96.1	96.1
GE 1500	62.7	78.8	87.2	91.4	94.9	95.4	96.4	96.7	96.7	97.1	97.1	97.1	97.3	97.3	97.3	97.3
GE 1200	62.9	79.0	87.5	91.7	95.2	95.7	96.7	97.0	97.0	97.3	97.4	97.4	97.5	97.5	97.6	97.6
GE 1000	63.1	79.4	88.2	92.4	96.1	96.5	97.6	97.9	98.0	98.4	98.5	98.5	98.6	98.6	98.6	98.6
GE 900	63.2	79.5	88.3	92.6	96.3	96.7	97.8	98.1	98.1	98.6	98.7	98.7	98.8	98.8	98.8	98.8
GE 800	63.3	79.6	88.4	92.7	96.4	96.9	98.0	98.2	98.3	98.8	98.8	98.8	99.0	99.0	99.0	99.0
GE 700	63.3	79.6	88.5	92.7	96.5	97.0	98.1	98.4	98.4	98.9	99.0	99.0	99.1	99.1	99.2	99.2
GE 600	63.3	79.6	88.6	92.9	96.7	97.2	98.4	98.6	98.7	99.2	99.2	99.2	99.3	99.3	99.4	99.4
GE 500	63.3	79.7	88.7	93.0	96.8	97.3	98.5	98.9	98.9	99.4	99.5	99.5	99.6	99.6	99.7	99.7
GE 400	63.3	79.7	88.8	93.1	96.9	97.4	98.6	99.0	99.0	99.6	99.7	99.7	99.8	99.8	99.9	99.9
GE 300	63.3	79.7	88.8	93.1	96.9	97.4	98.7	99.1	99.1	99.6	99.7	99.7	99.9	99.9	100.0	100.0
GE 200	63.3	79.7	88.8	93.1	96.9	97.4	98.7	99.1	99.1	99.6	99.7	99.7	99.9	99.9	100.0	100.0
GE 100	63.3	79.7	88.8	93.1	96.9	97.4	98.7	99.1	99.1	99.6	99.7	99.7	99.9	99.9	100.0	100.0
GE 000	63.3	79.7	88.8	93.1	96.9	97.4	98.7	99.1	99.1	99.6	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3531

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL		16.7	16.7	33.3	33.3	33.3	33.3	33.3	33.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 20000	16.7	33.3	33.3	50.0	50.0	50.0	50.0	50.0	50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 18000	16.7	33.3	33.3	50.0	50.0	50.0	50.0	50.0	50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 16000	16.7	33.3	33.3	50.0	50.0	50.0	50.0	50.0	50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 14000	16.7	33.3	33.3	50.0	50.0	50.0	50.0	50.0	50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 12000	16.7	33.3	33.3	50.0	50.0	50.0	50.0	50.0	50.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 10000	50.0	66.7	66.7	83.3	83.3	83.3	83.3	83.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 9000	50.0	66.7	66.7	83.3	83.3	83.3	83.3	83.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 8000	50.0	66.7	66.7	83.3	83.3	83.3	83.3	83.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 7000	50.0	66.7	66.7	83.3	83.3	83.3	83.3	83.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 6000	50.0	66.7	66.7	83.3	83.3	83.3	83.3	83.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5000	50.0	66.7	66.7	83.3	83.3	83.3	83.3	83.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4500	50.0	66.7	66.7	83.3	83.3	83.3	83.3	83.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000	50.0	66.7	66.7	83.3	83.3	83.3	83.3	83.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	50.0	66.7	66.7	83.3	83.3	83.3	83.3	83.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	50.0	66.7	66.7	83.3	83.3	83.3	83.3	83.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	50.0	66.7	66.7	83.3	83.3	83.3	83.3	83.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	50.0	66.7	66.7	83.3	83.3	83.3	83.3	83.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	50.0	66.7	66.7	83.3	83.3	83.3	83.3	83.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	50.0	66.7	66.7	83.3	83.3	83.3	83.3	83.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	50.0	66.7	66.7	83.3	83.3	83.3	83.3	83.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	50.0	66.7	66.7	83.3	83.3	83.3	83.3	83.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	50.0	66.7	66.7	83.3	83.3	83.3	83.3	83.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	50.0	66.7	66.7	83.3	83.3	83.3	83.3	83.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	50.0	66.7	66.7	83.3	83.3	83.3	83.3	83.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	50.0	66.7	66.7	83.3	83.3	83.3	83.3	83.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	50.0	66.7	66.7	83.3	83.3	83.3	83.3	83.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	50.0	66.7	66.7	83.3	83.3	83.3	83.3	83.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	50.0	66.7	66.7	83.3	83.3	83.3	83.3	83.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	50.0	66.7	66.7	83.3	83.3	83.3	83.3	83.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	50.0	66.7	66.7	83.3	83.3	83.3	83.3	83.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	50.0	66.7	66.7	83.3	83.3	83.3	83.3	83.3	83.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.5	43.8	62.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	75.0	75.0	81.3	87.5
GE 20000	37.5	43.8	62.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	75.0	75.0	81.3	87.5
GE 18000	43.8	50.0	68.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	81.3	81.3	87.5	93.8
GE 16000	43.8	50.0	68.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	81.3	81.3	87.5	93.8
GE 14000	43.8	50.0	68.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	81.3	81.3	87.5	93.8
GE 12000	43.8	50.0	68.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	81.3	81.3	87.5	93.8
GE 10000	43.8	56.3	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	87.5	87.5	93.8	100.0
GE 9000	43.8	56.3	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	87.5	87.5	93.8	100.0
GE 8000	43.8	56.3	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	87.5	87.5	93.8	100.0
GE 7000	43.8	56.3	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	87.5	87.5	93.8	100.0
GE 6000	43.8	56.3	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	87.5	87.5	93.8	100.0
GE 5000	43.8	56.3	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	87.5	87.5	93.8	100.0
GE 4500	43.8	56.3	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	87.5	87.5	93.8	100.0
GE 4000	43.8	56.3	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	87.5	87.5	93.8	100.0
GE 3500	43.8	56.3	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	87.5	87.5	93.8	100.0
GE 3000	43.8	56.3	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	87.5	87.5	93.8	100.0
GE 2500	43.8	56.3	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	87.5	87.5	93.8	100.0
GE 2000	43.8	56.3	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	87.5	87.5	93.8	100.0
GE 1800	43.8	56.3	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	87.5	87.5	93.8	100.0
GE 1500	43.8	56.3	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	87.5	87.5	93.8	100.0
GE 1200	43.8	56.3	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	87.5	87.5	93.8	100.0
GE 1000	43.8	56.3	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	87.5	87.5	93.8	100.0
GE 900	43.8	56.3	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	87.5	87.5	93.8	100.0
GE 800	43.8	56.3	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	87.5	87.5	93.8	100.0
GE 700	43.8	56.3	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	87.5	87.5	93.8	100.0
GE 600	43.8	56.3	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	87.5	87.5	93.8	100.0
GE 500	43.8	56.3	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	87.5	87.5	93.8	100.0
GE 400	43.8	56.3	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	87.5	87.5	93.8	100.0
GE 300	43.8	56.3	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	87.5	87.5	93.8	100.0
GE 200	43.8	56.3	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	87.5	87.5	93.8	100.0
GE 100	43.8	56.3	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	87.5	87.5	93.8	100.0
GE 000	43.8	56.3	75.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	87.5	87.5	93.8	100.0

TOTAL NUMBER OF OBSERVATIONS 16

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.7	52.0	60.2	63.8	65.6	65.6	66.7	67.0	67.0	67.4	67.4	67.4	67.7	67.7	67.7	67.7
GE 20000	42.3	57.7	66.3	70.3	72.8	72.8	73.8	74.2	74.2	74.6	74.6	74.6	74.9	74.9	75.3	75.3
GE 18000	43.0	58.4	67.0	71.0	73.5	73.5	74.6	74.9	74.9	75.3	75.3	75.3	75.6	75.6	76.0	76.0
GE 16000	43.7	59.1	67.7	71.7	74.2	74.2	75.3	75.6	75.6	76.0	76.0	76.0	76.3	76.3	76.7	76.7
GE 14000	43.7	59.5	68.1	72.0	74.6	74.6	76.0	77.1	77.1	77.4	77.4	77.4	77.8	77.8	78.1	78.1
GE 12000	44.1	59.9	68.5	72.4	74.9	74.9	76.3	77.4	77.4	77.8	77.8	77.8	78.1	78.1	78.5	78.5
GE 10000	47.0	63.8	73.1	77.4	79.9	79.9	81.4	82.4	82.8	83.2	83.2	83.2	83.5	83.5	83.9	83.9
GE 9000	47.0	63.8	73.1	77.4	79.9	79.9	81.4	82.4	82.8	83.2	83.2	83.2	83.5	83.5	83.9	83.9
GE 8000	48.7	66.3	76.0	80.3	82.8	82.8	84.2	85.3	85.7	86.0	86.0	86.0	86.4	86.4	86.7	86.7
GE 7000	49.1	66.7	76.7	81.0	83.5	83.5	84.9	86.0	86.4	86.7	86.7	86.7	87.1	87.1	87.5	87.5
GE 6000	49.1	66.7	76.7	81.0	83.5	83.5	84.9	86.0	86.4	86.7	86.7	86.7	87.1	87.1	87.5	87.5
GE 5000	49.1	66.7	76.7	81.0	83.5	83.5	84.9	86.0	86.4	86.7	86.7	86.7	87.1	87.1	87.5	87.5
GE 4500	49.1	66.7	76.7	81.0	83.5	83.5	84.9	86.0	86.4	86.7	86.7	86.7	87.1	87.1	87.5	87.5
GE 4000	49.1	66.7	77.1	81.4	83.9	83.9	85.3	86.4	86.7	87.1	87.1	87.1	87.5	87.5	87.8	87.8
GE 3500	49.1	66.7	77.1	81.4	83.9	83.9	85.3	86.4	86.7	87.1	87.1	87.1	87.5	87.5	87.8	87.8
GE 3000	49.8	67.4	78.1	82.4	84.9	84.9	86.7	87.8	88.2	88.5	88.5	88.5	88.9	88.9	89.2	89.2
GE 2500	50.2	67.7	78.5	82.8	85.3	85.3	87.1	88.2	88.5	88.9	88.9	88.9	89.2	89.2	89.6	89.6
GE 2000	50.2	68.1	78.9	83.5	86.4	86.4	88.2	89.2	89.6	90.0	90.0	90.0	90.7	90.7	91.4	91.4
GE 1800	50.2	68.1	78.9	83.5	86.4	86.4	88.2	89.2	89.6	90.0	90.0	90.0	90.7	90.7	91.4	91.4
GE 1500	50.5	69.2	79.9	84.6	87.5	87.5	89.2	90.3	90.7	91.0	91.0	91.0	91.8	91.8	92.5	92.5
GE 1200	50.9	69.5	80.3	84.9	87.8	87.8	89.6	90.7	91.0	91.4	91.4	91.4	92.1	92.1	92.8	92.8
GE 1000	51.3	69.9	80.6	86.0	88.9	88.9	90.7	91.8	92.1	92.5	92.5	92.5	93.2	93.2	93.9	93.9
GE 900	51.3	69.9	80.6	86.0	89.2	89.2	91.0	92.1	92.5	92.8	92.8	92.8	93.5	93.5	94.3	94.3
GE 800	51.6	70.6	81.4	86.7	90.0	90.0	91.8	92.8	93.2	93.5	93.5	93.5	94.3	94.3	95.0	95.0
GE 700	51.6	70.6	81.4	87.1	90.7	90.7	92.8	93.9	94.3	94.6	94.6	94.6	95.3	95.3	96.1	96.1
GE 600	52.3	71.3	82.4	88.5	92.1	92.1	94.6	95.7	96.1	96.4	96.4	96.4	97.1	97.1	97.8	97.8
GE 500	52.3	71.3	82.8	88.9	92.8	92.8	95.3	96.4	96.8	97.1	97.5	97.5	98.2	98.2	98.9	98.9
GE 400	52.3	71.3	82.8	88.9	92.8	92.8	95.3	96.8	97.1	97.5	97.8	97.8	98.6	98.6	99.3	99.3
GE 300	52.3	71.3	82.8	88.9	92.8	92.8	95.7	97.1	97.5	97.8	98.2	98.2	98.9	98.9	99.6	99.6
GE 200	52.3	71.3	82.8	88.9	92.8	92.8	95.7	97.1	97.8	98.2	98.6	98.6	99.3	99.3	100.0	100.0
GE 100	52.3	71.3	82.8	88.9	92.8	92.8	95.7	97.1	97.8	98.2	98.6	98.6	99.3	99.3	100.0	100.0
GE 000	52.3	71.3	82.8	88.9	92.8	92.8	95.7	97.1	97.8	98.2	98.6	98.6	99.3	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 279

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.3	55.9	57.3	57.5	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 20000	53.3	64.1	65.9	66.1	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 18000	53.9	64.7	66.4	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 16000	54.6	65.4	67.1	67.4	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 14000	54.9	65.7	67.4	67.7	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 12000	56.8	68.0	69.7	70.0	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 10000	60.7	72.3	74.1	74.4	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 9000	61.0	72.8	74.5	74.9	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 8000	63.0	75.6	77.7	78.4	79.3	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 7000	63.4	76.1	78.1	78.8	79.7	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 6000	63.4	76.1	78.1	78.8	79.7	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 5000	63.5	76.2	78.2	79.0	79.8	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 4500	63.7	76.4	78.4	79.1	80.0	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 4000	63.7	76.5	78.7	79.4	80.4	80.5	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 3500	64.1	76.9	79.1	79.8	80.8	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 3000	68.2	81.4	83.6	84.3	85.3	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 2500	69.6	83.7	85.9	86.7	88.2	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 2000	70.3	84.4	86.9	87.8	89.2	89.3	89.3	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1800	71.2	85.3	87.8	88.6	90.1	90.2	90.2	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1500	73.1	87.6	90.2	91.1	92.5	92.7	92.7	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1200	73.3	87.9	90.6	91.5	93.1	93.2	93.2	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1000	73.9	88.5	91.4	92.5	94.1	94.2	94.4	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 900	74.4	89.0	91.9	93.4	95.0	95.1	95.2	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 800	74.5	89.2	92.4	93.9	95.5	96.0	96.1	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 700	74.8	89.5	92.7	94.2	95.8	96.4	96.8	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 600	74.9	90.2	93.5	95.2	96.8	97.6	98.1	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	75.1	90.5	93.9	95.8	97.6	98.3	98.8	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	75.1	90.5	93.9	96.0	97.7	98.4	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	75.1	90.5	93.9	96.0	97.7	98.4	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	75.1	90.5	93.9	96.0	97.7	98.4	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	75.1	90.5	93.9	96.0	97.7	98.4	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	75.1	90.5	93.9	96.0	97.7	98.4	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 694

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.8	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 20000	55.6	63.6	63.7	63.7	63.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 18000	55.9	63.9	64.0	64.0	64.0	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 16000	56.0	64.0	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 14000	56.2	64.2	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 12000	58.9	66.9	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 10000	63.0	71.1	71.6	72.0	72.1	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 9000	63.2	71.3	71.7	72.1	72.3	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 8000	65.0	73.5	74.4	75.0	75.1	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 7000	65.1	73.7	74.5	75.1	75.2	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 6000	65.3	73.8	74.7	75.2	75.4	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 5000	65.7	74.3	75.1	75.7	75.8	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 4500	66.0	74.7	75.5	76.1	76.2	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 4000	66.1	75.0	75.8	76.4	76.5	76.5	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 3500	67.1	76.1	77.0	77.5	77.7	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 3000	75.7	85.5	86.8	87.3	87.6	87.8	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2500	78.4	88.3	89.6	90.5	91.0	91.2	91.6	91.6	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 2000	80.5	90.8	92.2	93.0	94.2	94.5	95.0	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1800	80.5	90.8	92.2	93.0	94.2	94.5	95.0	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1500	81.5	91.9	93.3	94.2	95.3	95.6	96.2	96.2	96.2	96.4	96.6	96.6	96.6	96.6	96.6	96.6
GE 1200	81.7	92.0	93.6	94.5	95.7	96.0	96.6	96.6	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0
GE 1000	82.4	92.7	94.3	95.2	96.4	96.7	97.3	97.3	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 900	82.8	93.2	94.7	95.6	96.9	97.2	97.7	97.7	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2
GE 800	82.8	93.2	94.7	95.6	96.9	97.2	97.7	97.7	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2
GE 700	82.8	93.3	94.9	95.7	97.2	97.4	98.0	98.0	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	82.8	93.6	95.4	96.3	97.9	98.2	98.9	98.9	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	82.8	93.6	95.4	96.3	98.2	98.6	99.3	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	82.8	93.6	95.4	96.3	98.3	98.7	99.4	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	82.8	93.6	95.4	96.3	98.3	98.7	99.4	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	82.8	93.6	95.4	96.3	98.3	98.7	99.4	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	82.8	93.6	95.4	96.3	98.3	98.7	99.4	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	82.8	93.6	95.4	96.3	98.3	98.7	99.4	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 703

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.3	53.1	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 20000	61.4	66.7	67.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 18000	61.4	66.7	67.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 16000	61.6	66.8	67.9	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 14000	61.7	67.0	68.0	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 12000	64.3	69.5	70.6	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 10000	70.6	76.8	78.0	79.2	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 9000	70.7	77.0	78.2	79.4	79.7	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 8000	74.7	81.9	83.4	84.6	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 7000	74.9	82.1	83.6	84.8	85.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 6000	74.9	82.1	83.6	84.8	85.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 5000	75.2	82.4	83.9	85.1	85.4	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 4500	75.2	82.5	84.0	85.2	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 4000	75.3	82.8	84.3	85.5	85.8	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 3500	75.9	83.7	85.4	86.5	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 3000	80.1	88.2	90.4	92.2	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 2500	80.7	88.8	91.2	93.3	93.9	94.0	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 2000	81.3	89.4	91.8	94.3	95.1	95.2	95.4	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1800	81.3	89.4	91.8	94.3	95.1	95.2	95.4	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1500	82.5	90.6	93.0	95.7	96.6	96.7	96.9	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1200	82.7	90.7	93.1	95.8	96.7	96.9	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1000	82.8	91.0	93.4	96.3	97.2	97.3	97.5	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 900	83.0	91.5	93.9	96.7	97.8	97.9	98.1	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 800	83.0	91.5	93.9	96.7	97.8	97.9	98.1	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	83.3	91.9	94.3	97.2	98.2	98.4	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	83.3	91.9	94.3	97.2	98.2	98.4	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	83.4	92.2	94.6	97.6	99.1	99.3	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	83.4	92.2	94.6	97.8	99.3	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	83.4	92.2	94.6	97.8	99.3	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	83.4	92.2	94.6	97.8	99.3	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	83.4	92.2	94.6	97.8	99.3	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	83.4	92.2	94.6	97.8	99.3	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 669

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.3	66.3	68.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 20000	70.9	78.2	80.8	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 18000	70.9	78.2	80.8	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 16000	70.9	78.2	80.8	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 14000	71.7	79.0	81.6	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 12000	72.8	80.1	82.7	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 10000	77.3	85.1	88.3	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 9000	77.3	85.1	88.3	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 8000	79.7	88.1	91.6	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 7000	80.1	88.5	92.0	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 6000	80.1	88.5	92.0	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 5000	80.3	88.6	92.2	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 4500	80.4	88.8	92.4	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 4000	80.4	88.8	92.4	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 3500	80.8	89.4	92.9	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 3000	81.2	89.9	93.5	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2500	81.2	89.9	93.5	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2000	81.2	89.9	93.5	95.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1800	81.2	89.9	93.5	95.3	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1500	81.8	90.5	94.0	95.9	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1200	81.9	90.7	94.4	96.6	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	82.3	91.1	95.2	97.4	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 900	82.3	91.1	95.2	97.4	98.1	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 800	82.3	91.1	95.2	97.6	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	82.3	91.1	95.2	97.6	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	82.3	91.2	95.3	97.8	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	82.3	91.4	95.9	98.5	99.3	99.4	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	82.3	91.4	95.9	98.5	99.3	99.4	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	82.3	91.4	95.9	98.5	99.3	99.4	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	82.3	91.4	95.9	98.5	99.3	99.4	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	82.3	91.4	95.9	98.5	99.3	99.4	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	82.3	91.4	95.9	98.5	99.3	99.4	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 537

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	67.7	76.6	80.6	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 20000	73.6	84.6	89.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 18000	73.6	84.6	89.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 16000	73.6	84.6	89.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 14000	73.6	84.6	89.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 12000	74.6	85.6	90.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 10000	76.6	88.1	93.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 9000	76.6	88.1	93.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 8000	77.1	88.6	93.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 7000	77.1	88.6	93.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 6000	77.1	88.6	93.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 5000	77.1	88.6	93.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 4500	77.1	88.6	93.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 4000	77.1	88.6	93.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 3500	77.1	88.6	93.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 3000	77.6	89.1	94.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 2500	78.1	89.6	94.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 2000	78.1	89.6	94.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1800	78.1	89.6	94.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1500	78.1	89.6	95.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200	78.1	89.6	95.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	78.1	90.0	95.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	78.1	90.0	95.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	78.1	90.0	95.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	78.1	90.0	95.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	78.1	90.0	95.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	78.1	90.0	95.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	78.1	90.0	95.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	78.1	90.0	95.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	78.1	90.0	95.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	78.1	90.0	95.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	78.1	90.0	95.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 201

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.6	56.9	58.8	59.5	59.7	59.8	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.1	60.1
GE 20000	58.8	67.6	69.9	71.0	71.2	71.2	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.6	71.6
GE 18000	59.1	67.9	70.1	71.2	71.5	71.5	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.9	71.9
GE 16000	59.4	68.1	70.4	71.5	71.8	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.2	72.2
GE 14000	59.6	68.4	70.7	71.8	72.1	72.1	72.3	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.6	72.6
GE 12000	61.5	70.4	72.7	73.8	74.2	74.2	74.4	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.7	74.7
GE 10000	65.9	75.4	77.9	79.3	79.8	79.9	80.1	80.2	80.2	80.3	80.3	80.3	80.4	80.4	80.4	80.5
GE 9000	66.0	75.6	78.1	79.5	80.0	80.1	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.6	80.6
GE 8000	68.4	78.6	81.4	82.9	83.5	83.5	83.8	83.9	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.2
GE 7000	68.6	78.8	81.7	83.2	83.8	83.8	84.1	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.4	84.4
GE 6000	68.7	78.8	81.7	83.3	83.8	83.9	84.1	84.2	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.5
GE 5000	68.9	79.1	82.0	83.5	84.0	84.1	84.3	84.4	84.5	84.5	84.5	84.5	84.6	84.6	84.7	84.7
GE 4500	69.0	79.3	82.2	83.7	84.2	84.3	84.5	84.6	84.7	84.7	84.7	84.7	84.8	84.8	84.9	84.9
GE 4000	69.1	79.4	82.4	83.9	84.5	84.6	84.8	84.9	85.0	85.0	85.0	85.0	85.1	85.1	85.2	85.2
GE 3500	69.6	80.1	83.1	84.6	85.2	85.2	85.5	85.6	85.7	85.7	85.7	85.7	85.8	85.8	85.9	85.9
GE 3000	73.5	84.3	87.6	89.2	89.9	90.0	90.3	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.7	90.7
GE 2500	74.6	85.7	89.0	90.8	91.7	91.8	92.0	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.5	92.5
GE 2000	75.4	86.6	90.0	91.9	93.0	93.2	93.5	93.7	93.8	93.9	93.9	93.9	94.0	94.0	94.1	94.2
GE 1800	75.6	86.8	90.1	92.1	93.3	93.4	93.7	93.9	94.0	94.2	94.2	94.2	94.3	94.3	94.4	94.4
GE 1500	76.6	88.0	91.4	93.5	94.6	94.8	95.1	95.3	95.4	95.6	95.6	95.6	95.7	95.7	95.8	95.8
GE 1200	76.8	88.2	91.7	93.8	95.0	95.2	95.5	95.7	95.8	96.0	96.0	96.0	96.1	96.1	96.2	96.2
GE 1000	77.2	88.7	92.3	94.6	95.8	95.9	96.3	96.6	96.6	96.8	96.8	96.8	96.9	96.9	97.0	97.0
GE 900	77.5	89.0	92.6	94.9	96.2	96.4	96.8	97.0	97.0	97.3	97.3	97.3	97.4	97.4	97.5	97.5
GE 800	77.5	89.1	92.8	95.2	96.5	96.7	97.1	97.3	97.3	97.6	97.6	97.6	97.7	97.7	97.8	97.8
GE 700	77.6	89.3	93.0	95.4	96.7	97.0	97.5	97.7	97.7	98.0	98.0	98.0	98.1	98.1	98.2	98.2
GE 600	77.7	89.6	93.4	95.9	97.3	97.6	98.2	98.4	98.5	98.7	98.7	98.7	98.8	98.8	98.9	98.9
GE 500	77.8	89.8	93.7	96.3	97.9	98.2	98.9	99.2	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7
GE 400	77.8	89.8	93.7	96.4	98.0	98.3	99.0	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9
GE 300	77.8	89.8	93.7	96.4	98.0	98.3	99.0	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.9	100.0
GE 200	77.8	89.8	93.7	96.4	98.0	98.3	99.0	99.4	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0
GE 100	77.8	89.8	93.7	96.4	98.0	98.3	99.0	99.4	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0
GE 000	77.8	89.8	93.7	96.4	98.0	98.3	99.0	99.4	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 3105

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.5	56.5	58.1	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 20000	59.7	61.3	62.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 18000	59.7	61.3	62.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 16000	59.7	61.3	62.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 14000	59.7	61.3	62.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 12000	59.7	61.3	62.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 10000	62.9	64.5	66.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 9000	62.9	64.5	66.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 8000	62.9	64.5	66.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 7000	62.9	64.5	66.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 6000	62.9	64.5	66.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 5000	62.9	64.5	66.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 4500	62.9	64.5	66.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 4000	64.5	66.1	67.7	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 3500	64.5	66.1	67.7	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 3000	67.7	71.0	75.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 2500	67.7	71.0	75.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 2000	69.4	72.6	77.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 1800	71.0	74.2	79.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 1500	77.4	80.6	85.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1200	79.0	82.3	87.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1000	80.6	83.9	88.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 900	82.3	85.5	90.3	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 800	82.3	85.5	90.3	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 700	82.3	85.5	90.3	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 600	82.3	85.5	90.3	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 500	82.3	85.5	90.3	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 400	82.3	85.5	90.3	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 300	82.3	85.5	90.3	95.2	95.2	95.2	96.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 200	82.3	85.5	90.3	95.2	95.2	95.2	96.8	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	82.3	85.5	90.3	95.2	95.2	95.2	96.8	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	82.3	85.5	90.3	95.2	95.2	95.2	96.8	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 62

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.7	49.2	56.9	56.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 20000	47.7	49.2	56.9	56.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 18000	47.7	49.2	56.9	56.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 16000	47.7	49.2	56.9	56.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 14000	47.7	49.2	56.9	56.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 12000	47.7	49.2	56.9	56.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 10000	47.7	49.2	56.9	56.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 9000	47.7	49.2	56.9	56.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 8000	47.7	49.2	56.9	56.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 7000	47.7	49.2	56.9	56.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 6000	47.7	49.2	56.9	56.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 5000	47.7	49.2	56.9	56.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 4500	47.7	49.2	56.9	56.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 4000	47.7	49.2	56.9	56.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 3500	47.7	49.2	56.9	56.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 3000	53.8	55.4	63.1	63.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 2500	55.4	56.9	64.6	64.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 2000	55.4	56.9	64.6	64.6	67.7	67.7	67.7	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 1800	55.4	56.9	64.6	64.6	67.7	67.7	67.7	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 1500	60.0	61.5	70.8	70.8	73.8	73.8	73.8	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 1200	61.5	63.1	72.3	72.3	75.4	75.4	75.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 1000	67.7	69.2	80.0	80.0	83.1	83.1	83.1	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 900	69.2	70.8	81.5	81.5	84.6	84.6	84.6	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 800	70.8	72.3	83.1	83.1	86.2	86.2	86.2	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 700	72.3	73.8	84.6	84.6	87.7	87.7	87.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 600	72.3	73.8	84.6	84.6	89.2	89.2	89.2	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 500	72.3	73.8	84.6	84.6	89.2	89.2	89.2	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 400	72.3	73.8	84.6	84.6	89.2	89.2	89.2	90.8	90.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 300	72.3	73.8	84.6	84.6	89.2	89.2	89.2	90.8	90.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 200	72.3	73.8	84.6	84.6	89.2	89.2	89.2	90.8	90.8	95.4	98.5	98.5	100.0	100.0	100.0	100.0
GE 100	72.3	73.8	84.6	84.6	89.2	89.2	89.2	90.8	90.8	95.4	98.5	98.5	100.0	100.0	100.0	100.0
GE 000	72.3	73.8	84.6	84.6	89.2	89.2	89.2	90.8	90.8	95.4	98.5	98.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 65

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.8	44.9	48.8	49.8	50.9	50.9	52.6	52.6	53.0	53.3	53.7	53.7	54.4	54.7	55.1	55.4
GE 20000	44.2	53.3	57.5	58.9	60.4	60.7	62.5	62.5	62.8	63.2	63.5	63.5	64.2	64.6	64.9	65.3
GE 18000	44.2	53.3	57.5	59.3	60.7	61.1	62.8	62.8	63.2	63.5	63.9	63.9	64.6	64.9	65.3	65.6
GE 16000	44.2	53.3	57.5	59.3	60.7	61.1	62.8	62.8	63.2	63.5	63.9	63.9	64.6	64.9	65.3	65.6
GE 14000	44.2	53.3	57.5	59.3	60.7	61.1	62.8	62.8	63.2	63.5	63.9	63.9	64.6	64.9	65.3	65.6
GE 12000	44.2	53.3	57.5	59.3	60.7	61.1	62.8	62.8	63.2	63.5	63.9	63.9	64.6	64.9	65.3	65.6
GE 10000	45.3	55.4	59.6	61.4	63.9	64.6	66.3	66.3	66.7	67.0	67.4	67.4	68.1	68.4	68.8	69.1
GE 9000	45.6	56.5	60.7	62.5	64.9	65.6	67.4	67.4	67.7	68.1	68.4	68.4	69.1	69.5	69.8	70.2
GE 8000	48.4	60.4	64.9	67.0	69.8	70.9	72.6	72.6	73.0	73.3	73.7	73.7	74.4	74.7	75.1	75.4
GE 7000	48.4	60.4	64.9	67.0	69.8	70.9	72.6	73.0	73.3	73.7	74.0	74.0	74.7	75.1	75.4	75.8
GE 6000	48.4	60.4	64.9	67.0	69.8	70.9	72.6	73.0	73.3	73.7	74.0	74.0	74.7	75.1	75.4	75.8
GE 5000	48.4	60.4	64.9	67.0	69.8	70.9	72.6	73.0	73.3	73.7	74.0	74.0	74.7	75.1	75.4	75.8
GE 4500	48.4	60.4	64.9	67.0	69.8	70.9	72.6	73.0	73.3	73.7	74.0	74.0	74.7	75.1	75.4	75.8
GE 4000	48.8	61.1	66.0	68.1	70.9	71.9	73.7	74.0	74.4	74.7	75.1	75.1	75.8	76.1	76.5	76.8
GE 3500	48.8	61.1	66.0	68.1	70.9	71.9	73.7	74.0	74.4	74.7	75.4	75.4	76.1	76.5	76.8	77.2
GE 3000	49.8	62.1	67.0	69.1	71.9	73.0	74.7	75.1	75.4	75.8	76.5	76.5	77.2	77.5	77.9	78.2
GE 2500	49.8	62.5	67.4	69.5	72.3	73.3	75.1	75.4	75.8	76.1	76.8	76.8	77.5	77.9	78.2	78.6
GE 2000	50.5	63.5	69.1	71.2	74.4	75.4	77.2	77.5	77.9	78.2	78.9	78.9	79.6	80.0	80.4	80.7
GE 1800	50.5	63.5	69.1	71.2	74.4	75.4	77.2	77.5	77.9	78.2	78.9	78.9	79.6	80.0	80.4	80.7
GE 1500	50.9	64.9	70.5	73.0	76.1	77.2	78.9	79.3	79.6	80.4	81.1	81.1	81.8	82.1	82.5	82.8
GE 1200	50.9	66.0	71.6	74.0	77.2	78.2	80.0	80.4	80.7	81.4	82.1	82.1	82.8	83.2	83.5	83.9
GE 1000	52.6	68.1	74.4	77.5	80.7	81.8	83.5	83.9	84.2	84.9	85.6	85.6	86.3	86.7	87.0	87.4
GE 900	53.0	68.4	74.7	77.9	81.1	82.1	83.9	84.2	84.6	85.3	86.0	86.0	86.7	87.0	87.4	87.7
GE 800	53.3	68.8	75.4	78.9	82.5	83.5	85.3	85.6	86.0	86.7	87.4	87.4	88.1	88.4	88.8	89.1
GE 700	53.3	68.8	75.4	78.9	82.8	83.9	86.0	86.7	87.0	88.1	88.8	88.8	89.5	89.8	90.2	90.5
GE 600	53.7	69.1	75.8	79.3	83.2	84.2	86.3	87.0	87.4	88.4	89.1	89.1	89.8	90.2	90.5	90.9
GE 500	53.7	69.1	76.1	79.6	83.9	84.9	87.0	88.1	88.4	89.5	90.2	90.2	90.9	91.2	91.6	91.9
GE 400	53.7	69.1	76.5	80.7	84.9	86.0	88.4	89.8	90.2	91.2	91.9	91.9	92.6	93.0	93.3	93.7
GE 300	53.7	69.1	76.5	80.7	85.3	87.0	89.8	91.6	91.9	93.0	94.0	94.0	95.4	95.8	96.5	96.8
GE 200	53.7	69.1	76.5	80.7	85.3	87.0	89.8	91.9	92.3	93.3	94.7	94.7	96.1	96.5	98.9	99.6
GE 100	53.7	69.1	76.5	80.7	85.3	87.0	89.8	91.9	92.3	93.3	94.7	94.7	96.1	96.5	98.9	100.0
GE 000	53.7	69.1	76.5	80.7	85.3	87.0	89.8	91.9	92.3	93.3	94.7	94.7	96.1	96.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 285

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.3	55.5	56.1	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 20000	62.0	65.3	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 18000	62.0	65.3	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 16000	62.0	65.3	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 14000	62.0	65.4	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 12000	62.3	65.7	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 10000	64.2	68.3	69.2	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 9000	64.6	69.1	70.1	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 8000	67.9	72.7	74.2	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 7000	68.4	73.5	74.9	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 6000	69.2	74.4	75.8	76.4	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 5000	69.2	74.7	76.1	76.6	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 4500	69.2	74.7	76.1	76.6	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 4000	70.4	75.8	77.3	77.8	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 3500	71.1	76.6	78.2	78.7	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 3000	72.3	78.1	79.8	80.3	80.5	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 2500	74.3	80.3	82.2	82.8	83.0	83.0	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 2000	76.0	82.4	84.3	84.9	85.1	85.1	85.2	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 1800	76.2	82.8	84.7	85.2	85.5	85.5	85.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 1500	79.4	85.9	87.9	88.4	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1200	80.7	87.7	89.8	90.3	90.7	90.7	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1000	82.5	89.7	92.2	92.7	93.1	93.1	93.2	93.2	93.2	93.3	93.5	93.5	93.5	93.5	93.5	93.5
GE 900	82.5	90.1	92.7	93.3	93.7	93.7	93.9	93.9	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1
GE 800	83.2	91.1	94.3	94.9	95.3	95.3	95.4	95.4	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7
GE 700	83.3	91.4	94.5	95.6	96.2	96.2	96.6	96.7	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0
GE 600	83.3	91.5	94.6	96.0	96.9	96.9	97.4	97.5	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8
GE 500	83.3	91.5	94.9	96.2	97.1	97.1	97.8	98.0	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 400	83.4	91.8	95.2	96.6	97.8	97.9	98.6	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	83.4	91.8	95.2	96.6	97.9	98.0	98.8	99.1	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	83.4	91.8	95.2	96.6	97.9	98.0	98.8	99.2	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	83.4	91.8	95.2	96.6	97.9	98.0	98.8	99.2	99.2	99.7	99.9	99.9	99.9	99.9	99.9	100.0
GE 000	83.4	91.8	95.2	96.6	97.9	98.0	98.8	99.2	99.2	99.7	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 766

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 20000	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 18000	66.2	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 16000	66.2	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 14000	66.2	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 12000	68.2	68.6	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 10000	72.1	72.7	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 9000	72.6	73.6	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 8000	75.8	76.8	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 7000	76.7	77.7	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 6000	77.3	78.3	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 5000	77.7	78.7	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 4500	77.7	78.7	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 4000	79.6	80.5	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 3500	80.3	81.3	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 3000	84.3	85.4	86.2	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 2500	86.4	87.5	88.3	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 2000	88.9	90.3	91.4	91.8	92.0	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1800	89.3	90.6	91.8	92.1	92.4	92.6	92.6	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1500	91.1	92.5	93.9	94.4	94.8	95.0	95.0	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1200	91.8	93.1	94.6	95.1	95.6	95.9	96.0	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1000	92.5	94.0	95.5	96.0	96.5	96.8	96.9	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 900	92.9	94.4	95.9	96.4	96.9	97.1	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 800	92.9	94.6	96.1	96.9	97.4	97.6	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 700	92.9	94.6	96.3	97.1	97.6	97.9	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	93.0	94.9	96.6	97.6	98.6	98.9	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	93.0	94.9	96.6	97.6	98.6	98.9	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	93.0	94.9	96.6	97.6	98.6	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	93.0	94.9	96.6	97.6	98.6	99.0	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	93.0	94.9	96.6	97.6	98.6	99.0	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 100	93.0	94.9	96.6	97.6	98.6	99.0	99.5	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	93.0	94.9	96.6	97.6	98.6	99.0	99.5	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 802

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + C

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 20000	71.2	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 18000	71.2	71.7	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 16000	71.2	71.7	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 14000	71.6	72.1	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 12000	72.3	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 10000	77.0	78.6	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 9000	77.9	79.5	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 8000	81.4	83.2	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 7000	81.9	83.7	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 6000	81.9	83.7	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 5000	81.9	83.7	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 4500	81.9	83.7	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 4000	83.1	85.2	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 3500	83.7	86.1	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 3000	86.3	89.2	90.3	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	91.0	91.0	91.0	91.0
GE 2500	87.5	90.6	91.9	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.8	92.8	92.8	92.8
GE 2000	88.1	91.4	92.8	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9
GE 1800	88.1	91.4	92.8	93.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.1	94.1	94.1	94.1
GE 1500	89.2	92.5	94.1	94.8	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.7
GE 1200	89.7	93.0	94.6	95.4	96.0	96.0	96.1	96.1	96.1	96.3	96.3	96.3	96.4	96.4	96.4	96.4
GE 1000	89.9	93.8	95.4	96.3	96.9	96.9	97.2	97.3	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5
GE 900	90.3	94.2	95.7	96.6	97.4	97.5	97.8	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 800	90.3	94.3	95.9	96.9	97.7	97.8	98.1	98.2	98.2	98.3	98.3	98.3	98.5	98.5	98.5	98.5
GE 700	90.5	94.5	96.1	97.2	97.9	98.1	98.3	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7
GE 600	90.7	94.7	96.5	97.5	98.5	98.6	98.8	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 500	90.7	94.7	96.6	97.7	98.6	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 400	90.7	94.7	96.8	97.9	98.8	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 300	90.7	94.7	96.8	97.9	98.8	99.0	99.2	99.5	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 200	90.7	94.7	96.8	97.9	98.8	99.0	99.2	99.5	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 100	90.7	94.7	96.8	97.9	98.8	99.0	99.2	99.5	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 000	90.7	94.7	96.8	97.9	98.8	99.0	99.2	99.5	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 775

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	69.9	72.2	72.9	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 20000	78.4	80.8	81.9	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 18000	78.4	80.8	81.9	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 16000	78.4	80.8	81.9	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 14000	78.7	81.0	82.2	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 12000	79.0	81.3	82.6	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 10000	81.2	83.9	85.2	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 9000	81.3	84.1	85.4	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 8000	83.9	87.0	88.4	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 7000	85.1	88.3	89.7	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 6000	85.2	88.4	89.9	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 5000	85.2	88.4	89.9	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 4500	85.4	88.6	90.0	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 4000	85.4	89.0	90.4	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 3500	85.5	89.1	90.6	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 3000	86.4	90.0	91.9	92.0	92.5	92.5	92.6	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 2500	86.7	90.7	92.9	93.2	93.6	93.6	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 2000	87.3	91.3	93.8	94.2	94.6	94.6	94.8	94.8	94.8	94.9	95.2	95.2	95.2	95.2	95.2	95.2
GE 1800	87.3	91.3	93.8	94.2	94.8	94.8	94.9	94.9	94.9	95.1	95.4	95.4	95.4	95.4	95.4	95.4
GE 1500	87.8	92.2	94.6	95.2	95.8	95.8	96.1	96.1	96.1	96.2	96.5	96.5	96.5	96.5	96.5	96.5
GE 1200	87.8	92.2	94.8	95.4	95.9	95.9	96.2	96.2	96.2	96.4	96.7	96.7	96.7	96.7	96.7	96.7
GE 1000	87.8	92.2	94.8	95.7	96.2	96.2	96.7	96.7	96.7	96.8	97.1	97.1	97.1	97.1	97.1	97.1
GE 900	88.0	92.6	95.5	96.4	97.0	97.0	97.4	97.4	97.4	97.5	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	88.0	92.6	95.7	96.5	97.1	97.1	97.5	97.5	97.5	97.7	98.0	98.0	98.0	98.0	98.0	98.0
GE 700	88.4	93.1	96.1	97.0	97.5	97.5	98.0	98.0	98.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	88.6	93.2	96.2	97.1	97.8	97.8	98.3	98.3	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	88.7	93.3	96.5	97.4	98.1	98.1	98.7	98.7	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	88.7	93.3	96.5	97.4	98.1	98.1	98.7	98.7	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	88.7	93.3	96.5	97.4	98.1	98.1	99.0	99.0	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	88.7	93.3	96.5	97.4	98.3	98.3	99.1	99.3	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	88.7	93.3	96.5	97.4	98.3	98.3	99.1	99.3	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	88.7	93.3	96.5	97.4	98.3	98.3	99.1	99.3	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 691

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	71.7	76.3	77.5	78.8	79.7	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.3	80.3	80.3	80.3
GE 20000	78.8	83.7	85.5	86.8	87.7	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.3	88.3	88.3	88.3
GE 18000	78.8	83.7	85.5	86.8	87.7	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.3	88.3	88.3	88.3
GE 16000	78.8	83.7	85.5	86.8	87.7	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.3	88.3	88.3	88.3
GE 14000	78.8	83.7	85.5	86.8	87.7	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.3	88.3	88.3	88.3
GE 12000	78.8	83.7	85.5	86.8	87.7	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.3	88.3	88.3	88.3
GE 10000	79.7	85.5	87.4	88.6	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8	90.2	90.2	90.2	90.2
GE 9000	79.7	85.5	87.4	88.6	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8	90.2	90.2	90.2	90.2
GE 8000	80.9	86.8	89.2	90.5	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	92.0	92.0	92.0	92.0
GE 7000	81.2	87.1	89.5	90.8	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.3	92.3	92.3	92.3
GE 6000	81.2	87.1	89.5	90.8	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.3	92.3	92.3	92.3
GE 5000	81.2	87.1	89.5	90.8	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.3	92.3	92.3	92.3
GE 4500	81.5	87.4	89.8	91.1	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.6	92.6	92.6	92.6
GE 4000	82.2	88.0	90.5	91.7	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	93.2	93.2	93.2	93.2
GE 3500	82.5	88.3	90.8	92.0	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.5	93.5	93.5	93.5
GE 3000	82.8	88.6	91.4	92.6	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	94.2	94.2	94.2	94.2
GE 2500	82.8	88.9	91.7	92.9	93.8	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.5	94.5	94.5	94.5
GE 2000	83.4	89.5	92.3	93.5	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	95.1	95.1	95.1	95.1
GE 1800	83.4	89.5	92.3	93.5	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	95.1	95.1	95.1	95.1
GE 1500	83.4	89.8	92.9	94.2	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.7	95.7	95.7	95.7
GE 1200	84.0	90.8	94.2	95.4	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.9	96.9	96.9	96.9
GE 1000	84.0	91.1	94.8	96.0	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.5	97.5	97.5	97.5
GE 900	84.0	91.1	94.8	96.0	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.5	97.5	97.5	97.5
GE 800	84.0	91.1	94.8	96.3	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.8	97.8	97.8	97.8
GE 700	84.0	91.1	94.8	96.6	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	98.2	98.2	98.2	98.2
GE 600	84.0	91.1	94.8	96.6	97.5	97.5	98.8	98.8	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.1
GE 500	84.0	91.1	94.8	96.6	97.5	97.5	98.8	98.8	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.1
GE 400	84.0	91.1	94.8	96.6	97.5	97.5	98.8	98.8	98.8	98.8	98.8	98.8	99.1	99.1	99.1	99.1
GE 300	84.0	91.1	94.8	96.6	97.5	97.5	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7
GE 200	84.0	91.1	94.8	96.6	97.5	97.5	99.4	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 100	84.0	91.1	94.8	96.6	97.5	97.5	99.4	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 000	84.0	91.1	94.8	96.6	97.5	97.5	99.4	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 325

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.2	60.1	60.9	61.1	61.4	61.4	61.5	61.5	61.6	61.6	61.6	61.6	61.7	61.7	61.8	61.8
GE 20000	67.6	70.0	71.1	71.4	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.1	72.1
GE 18000	67.6	70.1	71.1	71.4	71.8	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.2	72.2
GE 16000	67.6	70.1	71.1	71.4	71.8	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.2	72.2
GE 14000	67.8	70.2	71.3	71.6	71.9	71.9	72.1	72.1	72.1	72.2	72.2	72.2	72.3	72.3	72.3	72.3
GE 12000	68.4	70.9	72.2	72.5	72.8	72.8	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.2	73.2	73.2
GE 10000	71.2	74.3	75.7	76.0	76.4	76.5	76.6	76.6	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.9
GE 9000	71.7	75.0	76.3	76.7	77.1	77.1	77.3	77.3	77.3	77.4	77.4	77.4	77.5	77.5	77.5	77.5
GE 8000	74.5	78.1	79.7	80.2	80.6	80.7	80.8	80.8	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.1
GE 7000	75.2	78.8	80.4	80.9	81.3	81.4	81.6	81.6	81.6	81.6	81.7	81.7	81.8	81.8	81.8	81.8
GE 6000	75.5	79.2	80.7	81.2	81.6	81.7	81.9	81.9	82.0	82.0	82.0	82.0	82.1	82.1	82.2	82.2
GE 5000	75.6	79.3	80.9	81.4	81.8	81.9	82.0	82.1	82.1	82.1	82.2	82.2	82.2	82.3	82.3	82.3
GE 4500	75.6	79.3	80.9	81.4	81.8	81.9	82.1	82.1	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.4
GE 4000	76.6	80.5	82.1	82.6	83.0	83.1	83.3	83.3	83.3	83.3	83.4	83.4	83.5	83.5	83.5	83.5
GE 3500	77.1	81.0	82.7	83.2	83.6	83.7	83.9	83.9	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.2
GE 3000	79.1	83.3	85.2	85.8	86.3	86.4	86.6	86.6	86.7	86.7	86.8	86.8	86.9	86.9	86.9	87.0
GE 2500	80.3	84.7	86.7	87.4	88.0	88.1	88.3	88.3	88.3	88.4	88.5	88.5	88.6	88.6	88.6	88.7
GE 2000	81.5	86.1	88.4	89.1	89.7	89.9	90.1	90.1	90.2	90.3	90.4	90.4	90.5	90.5	90.5	90.6
GE 1800	81.7	86.3	88.6	89.3	90.0	90.1	90.3	90.4	90.4	90.5	90.6	90.6	90.7	90.7	90.8	90.8
GE 1500	83.3	88.1	90.5	91.3	92.0	92.2	92.4	92.5	92.5	92.7	92.8	92.8	92.9	92.9	92.9	93.0
GE 1200	83.9	88.9	91.4	92.2	93.0	93.1	93.4	93.5	93.5	93.7	93.8	93.8	93.9	93.9	94.0	94.0
GE 1000	84.7	89.9	92.6	93.6	94.4	94.5	94.9	94.9	95.0	95.1	95.3	95.3	95.4	95.4	95.4	95.5
GE 900	85.0	90.3	93.1	94.1	94.9	95.1	95.4	95.5	95.5	95.7	95.9	95.9	96.0	96.0	96.0	96.0
GE 800	85.2	90.7	93.6	94.7	95.6	95.8	96.1	96.2	96.2	96.4	96.5	96.5	96.6	96.7	96.7	96.7
GE 700	85.3	90.9	93.8	95.1	96.0	96.2	96.7	96.8	96.8	97.0	97.2	97.2	97.3	97.3	97.3	97.3
GE 600	85.5	91.1	94.1	95.4	96.6	96.8	97.3	97.5	97.5	97.7	97.8	97.8	97.9	98.0	98.0	98.0
GE 500	85.5	91.1	94.2	95.6	96.8	97.0	97.6	97.7	97.8	98.0	98.1	98.1	98.2	98.2	98.3	98.3
GE 400	85.5	91.1	94.4	95.8	97.1	97.3	97.9	98.1	98.2	98.4	98.5	98.5	98.6	98.7	98.7	98.7
GE 300	85.5	91.1	94.4	95.8	97.1	97.4	98.2	98.5	98.6	99.0	99.1	99.1	99.3	99.3	99.4	99.4
GE 200	85.5	91.1	94.4	95.8	97.1	97.4	98.3	98.6	98.8	99.2	99.4	99.4	99.7	99.7	99.9	99.9
GE 100	85.5	91.1	94.4	95.8	97.1	97.4	98.3	98.6	98.8	99.2	99.4	99.4	99.7	99.7	99.9	100.0
GE 000	85.5	91.1	94.4	95.8	97.1	97.4	98.3	98.6	98.8	99.2	99.4	99.4	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3771

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	68.3	68.3	78.0	78.0	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 20000	70.7	70.7	80.5	80.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 18000	70.7	70.7	80.5	80.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 16000	70.7	70.7	80.5	80.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 14000	70.7	70.7	80.5	80.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 12000	73.2	73.2	82.9	82.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 10000	73.2	73.2	82.9	82.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 9000	73.2	73.2	82.9	82.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 8000	78.0	78.0	87.8	87.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 7000	78.0	78.0	87.8	87.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 6000	78.0	78.0	87.8	87.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 5000	78.0	78.0	87.8	87.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 4500	82.9	82.9	92.7	92.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 4000	85.4	85.4	95.1	95.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 3500	85.4	85.4	95.1	95.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 3000	87.8	87.8	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	87.8	87.8	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	87.8	87.8	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	87.8	87.8	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	87.8	87.8	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	87.8	87.8	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	87.8	87.8	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	87.8	87.8	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	87.8	87.8	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	87.8	87.8	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	87.8	87.8	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	87.8	87.8	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	87.8	87.8	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	87.8	87.8	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	87.8	87.8	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	87.8	87.8	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	87.8	87.8	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 41

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.1	63.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 20000	59.1	63.6	77.3	77.3	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 18000	59.1	63.6	77.3	77.3	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 16000	59.1	63.6	77.3	77.3	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 14000	59.1	63.6	77.3	77.3	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 12000	59.1	63.6	77.3	77.3	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 10000	59.1	63.6	77.3	77.3	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 9000	59.1	63.6	77.3	77.3	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 8000	63.6	68.2	81.8	86.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 7000	63.6	68.2	81.8	86.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 6000	63.6	68.2	81.8	86.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 5000	63.6	68.2	81.8	86.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 4500	63.6	68.2	81.8	86.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 4000	63.6	68.2	81.8	86.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 3500	63.6	68.2	81.8	86.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 3000	63.6	68.2	81.8	86.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 2500	63.6	68.2	81.8	86.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 2000	63.6	68.2	81.8	86.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1800	63.6	68.2	81.8	86.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1500	63.6	68.2	81.8	86.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1200	63.6	68.2	81.8	86.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1000	63.6	68.2	81.8	86.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 900	63.6	68.2	81.8	86.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 800	63.6	68.2	81.8	86.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 700	63.6	68.2	81.8	86.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 600	63.6	68.2	81.8	86.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 500	63.6	68.2	81.8	86.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 400	63.6	68.2	81.8	86.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 300	63.6	68.2	81.8	86.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 200	63.6	68.2	81.8	86.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 100	63.6	68.2	81.8	86.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	100.0	100.0
GE 000	63.6	68.2	81.8	86.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 22

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	30.4	34.2	39.2	41.8	41.8	41.8	43.0	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 20000	40.5	44.3	50.6	54.4	54.4	54.4	57.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 18000	40.5	44.3	50.6	54.4	54.4	54.4	57.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 16000	40.5	44.3	50.6	54.4	54.4	54.4	57.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 14000	40.5	44.3	50.6	54.4	54.4	54.4	57.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 12000	41.8	45.6	51.9	55.7	55.7	55.7	58.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 10000	49.4	53.2	59.5	63.3	63.3	63.3	65.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 9000	50.6	54.4	60.8	64.6	64.6	64.6	67.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 8000	51.9	55.7	62.0	65.8	69.6	69.6	72.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 7000	51.9	55.7	65.8	69.6	73.4	73.4	75.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 6000	53.2	57.0	67.1	70.9	74.7	74.7	77.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 5000	54.4	58.2	68.4	72.2	75.9	75.9	78.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 4500	54.4	58.2	68.4	72.2	75.9	75.9	78.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 4000	54.4	58.2	68.4	72.2	75.9	75.9	78.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 3500	54.4	58.2	68.4	72.2	75.9	75.9	78.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 3000	54.4	58.2	68.4	72.2	75.9	75.9	78.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 2500	54.4	58.2	68.4	72.2	75.9	75.9	78.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 2000	54.4	58.2	68.4	72.2	75.9	75.9	78.5	79.7	79.7	79.7	79.7	79.7	81.0	81.0	81.0	81.0
GE 1800	54.4	58.2	68.4	72.2	77.2	77.2	79.7	81.0	81.0	81.0	81.0	81.0	82.3	82.3	82.3	82.3
GE 1500	55.7	59.5	69.6	74.7	79.7	79.7	82.3	83.5	83.5	83.5	83.5	83.5	84.8	84.8	84.8	84.8
GE 1200	55.7	59.5	69.6	74.7	79.7	79.7	82.3	83.5	83.5	83.5	83.5	83.5	84.8	84.8	84.8	84.8
GE 1000	57.0	60.8	70.9	75.9	81.0	81.0	83.5	84.8	84.8	84.8	84.8	84.8	86.1	86.1	86.1	86.1
GE 900	57.0	60.8	70.9	75.9	81.0	81.0	83.5	84.8	84.8	84.8	84.8	84.8	86.1	86.1	86.1	86.1
GE 800	57.0	60.8	72.2	77.2	82.3	82.3	84.8	86.1	86.1	86.1	86.1	86.1	87.3	87.3	87.3	87.3
GE 700	59.5	63.3	74.7	79.7	84.8	84.8	87.3	88.6	88.6	88.6	88.6	88.6	89.9	89.9	89.9	89.9
GE 600	59.5	63.3	75.9	82.3	87.3	87.3	89.9	91.1	91.1	91.1	91.1	91.1	92.4	92.4	92.4	92.4
GE 500	59.5	63.3	75.9	82.3	87.3	87.3	89.9	91.1	91.1	91.1	91.1	91.1	92.4	92.4	92.4	92.4
GE 400	59.5	63.3	75.9	82.3	87.3	87.3	89.9	91.1	91.1	91.1	91.1	91.1	92.4	92.4	92.4	92.4
GE 300	59.5	63.3	75.9	82.3	87.3	87.3	89.9	91.1	91.1	92.4	93.7	93.7	94.9	94.9	94.9	94.9
GE 200	59.5	63.3	75.9	82.3	87.3	87.3	89.9	91.1	91.1	93.7	96.2	96.2	97.5	97.5	98.7	98.7
GE 100	59.5	63.3	75.9	82.3	87.3	87.3	89.9	91.1	91.1	93.7	96.2	96.2	98.7	98.7	100.0	100.0
GE 000	59.5	63.3	75.9	82.3	87.3	87.3	89.9	91.1	91.1	93.7	96.2	96.2	98.7	98.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 79

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.6	46.8	47.1	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.4	47.4	47.4	47.4
GE 20000	55.5	57.0	57.4	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.9	57.9	57.9	57.9
GE 18000	55.6	57.1	57.6	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.1	58.1	58.1	58.1
GE 16000	55.6	57.1	57.6	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.1	58.1	58.1	58.1
GE 14000	55.6	57.1	57.6	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.1	58.1	58.1	58.1
GE 12000	56.5	58.1	58.5	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	59.0	59.0	59.0	59.0
GE 10000	58.8	60.5	61.1	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7
GE 9000	58.8	60.5	61.1	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7
GE 8000	61.2	63.2	64.1	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7
GE 7000	62.0	64.4	65.5	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1
GE 6000	62.0	64.4	65.7	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4
GE 5000	62.0	64.4	65.8	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.7
GE 4500	62.5	64.9	66.4	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3
GE 4000	63.5	66.1	67.6	68.2	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8
GE 3500	64.1	66.9	68.4	69.0	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6
GE 3000	65.5	68.2	69.8	70.4	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	71.0	71.0	71.0	71.0
GE 2500	68.2	71.0	72.6	73.6	74.0	74.0	74.0	74.0	74.0	74.2	74.2	74.2	74.3	74.3	74.3	74.3
GE 2000	70.5	73.3	75.1	76.1	76.9	76.9	76.9	76.9	76.9	77.1	77.1	77.1	77.2	77.2	77.2	77.2
GE 1800	71.3	74.0	75.8	76.9	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	78.0	78.0	78.0	78.0
GE 1500	75.4	78.4	80.5	81.8	82.5	82.5	82.5	82.5	82.5	82.7	82.7	82.7	82.8	82.8	82.8	82.8
GE 1200	77.5	81.6	84.3	85.7	86.5	86.5	86.6	86.6	86.6	86.8	86.8	86.8	86.9	86.9	86.9	86.9
GE 1000	78.9	83.1	86.3	87.8	88.8	88.8	89.1	89.2	89.2	89.5	89.5	89.5	89.7	89.7	89.7	89.7
GE 900	79.3	83.9	87.8	89.4	90.4	90.4	91.0	91.2	91.2	91.5	91.5	91.5	91.6	91.6	91.6	91.6
GE 800	80.2	85.0	89.2	90.7	91.8	92.1	92.7	92.9	92.9	93.2	93.2	93.2	93.3	93.3	93.3	93.3
GE 700	80.7	86.0	90.7	92.2	93.3	93.8	94.7	94.8	94.8	95.1	95.1	95.1	95.3	95.3	95.3	95.3
GE 600	81.3	86.8	91.8	93.3	94.7	95.1	96.0	96.4	96.4	96.7	96.7	96.7	96.8	96.8	96.8	96.8
GE 500	81.3	86.9	92.2	93.9	95.6	96.0	97.4	98.2	98.2	98.5	98.5	98.5	98.6	98.6	98.6	98.6
GE 400	81.3	86.9	92.2	93.9	95.6	96.0	97.4	98.3	98.3	98.6	98.8	98.8	98.9	98.9	98.9	98.9
GE 300	81.3	86.9	92.2	93.9	95.9	96.4	97.9	98.9	98.9	99.4	99.5	99.7	99.8	99.8	99.8	99.8
GE 200	81.3	86.9	92.2	93.9	95.9	96.4	97.9	98.9	98.9	99.4	99.5	99.7	99.8	99.8	100.0	100.0
GE 100	81.3	86.9	92.2	93.9	95.9	96.4	97.9	98.9	98.9	99.4	99.5	99.7	99.8	99.8	100.0	100.0
GE 000	81.3	86.9	92.2	93.9	95.9	96.4	97.9	98.9	98.9	99.4	99.5	99.7	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 653

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.7	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 20000	59.6	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 18000	59.7	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 16000	59.7	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 14000	59.9	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 12000	61.1	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 10000	63.1	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 9000	63.6	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 8000	68.0	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 7000	69.3	70.1	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 6000	69.3	70.1	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 5000	69.7	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 4500	70.1	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 4000	70.7	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 3500	70.9	72.1	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 3000	74.3	76.4	77.1	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 2500	78.1	80.4	81.1	81.6	81.9	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 2000	82.6	85.3	86.1	86.6	86.9	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1800	83.7	86.7	87.6	88.0	88.3	88.4	88.4	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1500	86.3	89.4	90.9	91.4	91.9	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 1200	87.6	91.1	93.3	94.0	94.4	94.7	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1000	88.9	93.1	95.3	96.1	96.6	96.9	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 900	89.4	93.7	95.9	96.7	97.1	97.4	97.7	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 800	89.6	94.0	96.3	97.1	97.6	97.9	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	89.6	94.3	96.6	97.4	97.9	98.1	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	89.7	94.4	96.7	97.6	98.1	98.4	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	89.7	94.4	96.9	97.9	98.4	98.7	99.1	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	89.7	94.6	97.0	98.0	98.6	98.9	99.3	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	89.7	94.6	97.0	98.0	98.6	98.9	99.3	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	89.7	94.6	97.0	98.0	98.6	98.9	99.3	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	89.7	94.6	97.0	98.0	98.6	98.9	99.3	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	89.7	94.6	97.0	98.0	98.6	98.9	99.3	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 700

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.4	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 20000	62.0	62.6	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 18000	62.0	62.6	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 16000	62.0	62.6	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 14000	62.2	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 12000	62.8	63.3	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 10000	66.2	67.4	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 9000	66.5	67.7	67.8	68.1	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 8000	69.9	71.2	71.6	71.9	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 7000	71.4	73.3	73.8	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 6000	72.0	73.9	74.5	74.8	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 5000	73.0	74.9	75.8	76.1	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 4500	73.5	75.4	76.2	76.5	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 4000	74.9	76.8	77.7	78.0	78.3	78.3	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 3500	75.7	77.7	78.6	78.8	79.1	79.3	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 3000	79.0	81.4	82.3	82.8	83.0	83.2	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 2500	81.6	84.2	85.4	85.9	86.7	87.0	87.2	87.2	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5
GE 2000	83.5	86.5	87.8	88.4	89.4	89.7	90.0	90.0	90.0	90.3	90.4	90.4	90.4	90.4	90.4	90.4
GE 1800	83.9	87.0	88.3	88.8	89.9	90.1	90.4	90.4	90.4	90.7	90.9	90.9	90.9	90.9	90.9	90.9
GE 1500	86.4	89.6	90.9	91.4	92.9	93.2	93.5	93.6	93.6	93.9	94.1	94.1	94.1	94.1	94.1	94.1
GE 1200	87.4	91.0	92.3	93.0	94.5	94.8	95.1	95.2	95.4	95.7	95.9	95.9	95.9	95.9	95.9	95.9
GE 1000	87.8	91.9	93.6	94.3	96.1	96.4	96.8	97.0	97.1	97.4	97.7	97.7	97.7	97.7	97.7	97.7
GE 900	87.8	91.9	93.6	94.5	96.2	96.5	97.0	97.2	97.5	97.8	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	87.8	92.2	94.1	95.1	96.8	97.1	97.5	98.0	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	87.8	92.5	94.3	95.4	97.1	97.4	97.8	98.3	98.6	98.8	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	87.8	92.6	94.6	95.7	97.4	97.7	98.1	98.6	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	87.8	93.0	95.1	96.1	97.8	98.1	98.7	99.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	87.8	93.0	95.1	96.1	97.8	98.1	98.7	99.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	87.8	93.0	95.1	96.1	97.8	98.1	98.7	99.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	87.8	93.0	95.1	96.1	97.8	98.1	98.7	99.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	87.8	93.0	95.1	96.1	97.8	98.1	98.7	99.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	87.8	93.0	95.1	96.1	97.8	98.1	98.7	99.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 690

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.9	59.8	61.3	62.5	62.7	62.8	62.8	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1
GE 20000	61.4	64.7	66.3	67.7	68.2	68.3	68.3	68.5	68.5	68.5	68.7	68.7	68.7	68.7	68.7	68.7
GE 18000	61.4	64.7	66.3	67.7	68.2	68.3	68.3	68.5	68.5	68.5	68.7	68.7	68.7	68.7	68.7	68.7
GE 16000	61.4	64.7	66.3	67.7	68.2	68.3	68.3	68.5	68.5	68.5	68.7	68.7	68.7	68.7	68.7	68.7
GE 14000	61.9	65.2	66.8	68.2	68.7	68.8	68.8	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1
GE 12000	62.2	65.5	67.1	68.5	69.0	69.1	69.1	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4
GE 10000	64.9	68.2	69.8	71.2	71.7	71.8	71.8	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1
GE 9000	65.0	68.3	69.9	71.3	71.8	72.0	72.0	72.1	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3
GE 8000	66.9	70.9	72.6	74.0	74.5	74.6	74.6	74.8	74.8	74.8	75.0	75.0	75.0	75.0	75.0	75.0
GE 7000	68.0	72.1	74.0	75.4	75.9	76.1	76.1	76.2	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4
GE 6000	68.3	72.4	74.3	75.7	76.2	76.4	76.4	76.5	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7
GE 5000	69.1	73.2	75.1	76.7	77.2	77.5	77.5	77.6	77.6	77.6	77.8	77.8	77.8	77.8	77.8	77.8
GE 4500	70.1	74.2	76.1	77.6	78.1	78.4	78.4	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7
GE 4000	72.8	76.9	78.9	80.5	80.9	81.3	81.3	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6
GE 3500	73.2	77.3	79.4	80.9	81.4	81.7	81.7	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0
GE 3000	74.2	78.7	81.4	83.0	83.5	83.8	83.8	83.9	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1
GE 2500	75.6	80.2	83.0	84.9	85.5	86.0	86.0	86.3	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6
GE 2000	75.7	80.5	83.3	85.4	86.5	86.9	87.1	87.4	87.4	87.6	87.9	87.9	87.9	87.9	87.9	87.9
GE 1800	76.2	80.9	83.8	85.8	86.9	87.4	87.7	88.0	88.0	88.2	88.5	88.5	88.5	88.5	88.5	88.5
GE 1500	76.9	81.7	84.7	86.9	88.3	89.0	89.3	89.8	89.8	90.1	90.4	90.4	90.4	90.4	90.4	90.4
GE 1200	77.5	82.7	85.7	87.9	89.3	89.9	90.4	91.0	91.0	91.3	91.8	91.8	91.8	91.8	91.8	91.8
GE 1000	78.0	83.1	86.5	88.7	90.2	90.9	91.7	92.3	92.3	92.6	93.1	93.1	93.1	93.1	93.1	93.1
GE 900	78.3	83.8	87.2	89.6	91.3	92.1	93.1	93.7	93.7	94.0	94.5	94.5	94.5	94.5	94.5	94.5
GE 800	78.9	84.6	88.2	90.6	92.3	93.1	94.0	94.6	94.6	95.0	95.4	95.4	95.4	95.4	95.4	95.4
GE 700	79.1	84.9	88.5	91.0	92.8	93.5	94.6	95.3	95.3	95.6	96.1	96.1	96.1	96.1	96.1	96.1
GE 600	79.1	85.2	89.0	91.8	93.5	94.3	95.4	96.1	96.2	96.5	97.0	97.0	97.0	97.0	97.0	97.0
GE 500	79.1	85.2	89.1	92.0	93.7	94.5	95.6	96.4	96.5	96.9	97.3	97.3	97.3	97.3	97.3	97.3
GE 400	79.1	85.4	89.3	92.3	94.0	94.8	96.1	97.2	97.3	97.6	98.1	98.1	98.1	98.1	98.1	98.1
GE 300	79.1	85.4	89.3	92.3	94.2	95.0	96.2	97.3	97.5	98.0	98.4	98.4	98.4	98.4	98.4	98.4
GE 200	79.1	85.4	89.3	92.3	94.2	95.0	96.2	97.5	97.8	98.4	99.1	99.1	99.1	99.1	99.1	99.1
GE 100	79.1	85.4	89.3	92.3	94.2	95.0	96.2	97.5	97.8	98.4	99.1	99.1	99.4	99.4	99.7	99.8
GE 000	79.1	85.4	89.3	92.3	94.2	95.0	96.2	97.5	97.8	98.4	99.1	99.1	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 635

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.8	59.5	60.8	61.6	62.6	62.6	63.2	63.2	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 20000	60.8	63.4	65.0	65.8	67.1	67.1	67.6	67.6	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 18000	60.8	63.4	65.0	65.8	67.1	67.1	67.6	67.6	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 16000	60.8	63.4	65.0	65.8	67.1	67.1	67.6	67.6	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 14000	61.3	64.2	65.8	66.6	67.9	67.9	68.4	68.4	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 12000	61.6	64.5	66.1	66.8	68.2	68.2	68.7	68.7	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 10000	63.4	66.6	68.4	69.2	70.8	70.8	71.3	71.3	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 9000	63.9	67.1	68.9	69.7	71.3	71.3	71.8	71.8	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 8000	65.0	68.4	71.6	72.4	74.2	74.2	74.7	74.7	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 7000	65.8	69.7	72.9	73.7	75.5	75.5	76.1	76.1	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 6000	65.8	69.7	72.9	73.7	75.5	75.5	76.1	76.1	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 5000	66.3	70.3	73.4	74.2	76.3	76.3	77.1	77.1	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 4500	67.6	71.6	74.7	75.5	77.6	77.6	78.4	78.4	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 4000	70.5	74.5	77.6	78.4	80.5	80.5	81.3	81.3	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 3500	72.1	76.1	79.2	80.0	82.1	82.1	82.9	82.9	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 3000	73.4	77.4	81.3	82.4	84.5	84.5	85.3	85.3	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 2500	74.5	78.4	82.6	84.2	86.3	86.6	87.4	87.4	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 2000	75.5	79.7	83.9	85.5	87.6	87.9	88.7	88.7	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1800	76.6	80.8	85.0	86.6	88.7	88.9	89.7	89.7	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1500	77.1	81.3	85.8	87.4	89.5	89.7	90.5	91.1	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1200	77.6	82.1	86.6	88.4	90.5	90.8	91.8	92.4	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1000	78.2	82.9	87.4	89.2	91.3	91.6	92.6	93.4	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 900	78.2	82.9	87.4	89.2	91.3	91.6	92.6	93.4	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 800	78.2	83.2	87.6	89.5	91.6	91.8	92.9	93.7	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 700	78.4	83.9	89.2	91.1	93.2	93.4	94.5	95.3	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 600	78.4	83.9	89.2	91.3	93.4	93.7	94.7	95.5	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 500	78.4	83.9	89.5	91.6	94.2	94.5	95.5	96.3	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 400	78.4	84.2	89.7	91.8	94.5	94.7	95.8	96.8	97.1	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 300	78.4	84.2	89.7	91.8	94.7	95.0	96.1	97.1	97.4	98.2	98.2	98.2	98.2	98.2	98.4	98.4
GE 200	78.4	84.2	89.7	91.8	94.7	95.0	96.1	97.4	97.6	98.4	98.4	98.4	98.4	98.4	98.7	98.7
GE 100	78.4	84.2	89.7	91.8	94.7	95.0	96.3	97.6	97.9	98.7	98.7	98.7	98.7	98.7	98.9	100.0
GE 000	78.4	84.2	89.7	91.8	94.7	95.0	96.3	97.6	97.9	98.7	98.7	98.7	98.7	98.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 380

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.1	52.5	53.4	53.8	54.0	54.1	54.2	54.2	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.4
GE 20000	59.4	61.1	62.1	62.6	63.0	63.0	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3
GE 18000	59.5	61.1	62.1	62.7	63.0	63.1	63.2	63.2	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4
GE 16000	59.5	61.1	62.1	62.7	63.0	63.1	63.2	63.2	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4
GE 14000	59.7	61.4	62.4	62.9	63.3	63.3	63.4	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.5	63.6
GE 12000	60.5	62.1	63.1	63.7	64.0	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4
GE 10000	63.1	64.9	66.0	66.6	66.9	67.0	67.1	67.1	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3
GE 9000	63.3	65.2	66.3	66.9	67.3	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7
GE 8000	66.1	68.3	69.7	70.4	70.9	70.9	71.1	71.1	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3
GE 7000	67.2	69.7	71.4	72.0	72.5	72.5	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9
GE 6000	67.5	70.0	71.6	72.3	72.8	72.9	73.0	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2
GE 5000	68.0	70.6	72.4	73.0	73.7	73.7	73.9	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1
GE 4500	68.7	71.3	73.1	73.8	74.4	74.4	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 4000	70.3	72.9	74.7	75.4	76.1	76.2	76.4	76.4	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6
GE 3500	70.9	73.5	75.4	76.1	76.8	76.9	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 3000	73.0	76.0	78.2	79.0	79.7	79.8	80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 2500	75.4	78.5	80.7	81.8	82.7	82.9	83.2	83.2	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5
GE 2000	77.3	80.7	83.1	84.2	85.3	85.6	85.8	85.9	85.9	86.1	86.2	86.2	86.3	86.3	86.3	86.3
GE 1800	78.1	81.5	83.9	85.0	86.1	86.4	86.6	86.7	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.1
GE 1500	80.2	83.8	86.4	87.7	89.0	89.3	89.5	89.8	89.8	90.0	90.1	90.1	90.2	90.2	90.2	90.2
GE 1200	81.3	85.4	88.3	89.7	91.0	91.3	91.8	92.0	92.1	92.3	92.4	92.4	92.5	92.5	92.5	92.5
GE 1000	82.2	86.6	89.7	91.2	92.6	92.9	93.5	93.7	93.9	94.1	94.3	94.3	94.3	94.3	94.3	94.3
GE 900	82.5	87.0	90.3	91.9	93.4	93.7	94.3	94.7	94.8	95.0	95.2	95.2	95.2	95.2	95.2	95.2
GE 800	82.8	87.5	91.0	92.6	94.1	94.5	95.1	95.5	95.6	95.9	96.0	96.0	96.1	96.1	96.1	96.1
GE 700	83.0	88.1	91.8	93.4	94.9	95.3	96.0	96.4	96.5	96.8	96.9	96.9	97.0	97.0	97.0	97.0
GE 600	83.2	88.4	92.2	93.9	95.5	95.9	96.7	97.2	97.3	97.5	97.7	97.7	97.8	97.8	97.8	97.8
GE 500	83.2	88.5	92.5	94.3	96.0	96.4	97.3	97.9	98.0	98.3	98.5	98.5	98.6	98.6	98.6	98.6
GE 400	83.2	88.6	92.6	94.4	96.1	96.5	97.5	98.2	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	83.2	88.6	92.6	94.4	96.3	96.7	97.6	98.3	98.5	98.9	99.2	99.2	99.3	99.3	99.3	99.3
GE 200	83.2	88.6	92.6	94.4	96.3	96.7	97.6	98.4	98.6	99.1	99.4	99.4	99.5	99.5	99.6	99.6
GE 100	83.2	88.6	92.6	94.4	96.3	96.7	97.7	98.4	98.6	99.1	99.4	99.5	99.6	99.6	99.8	100.0
GE 000	83.2	88.6	92.6	94.4	96.3	96.7	97.7	98.4	98.6	99.1	99.4	99.5	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 3205

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.7	53.3	53.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 20000	46.7	53.3	53.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 18000	46.7	53.3	53.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 16000	46.7	53.3	53.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 14000	46.7	53.3	53.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 12000	46.7	53.3	53.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 10000	46.7	53.3	53.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 9000	46.7	53.3	53.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 8000	46.7	53.3	53.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 7000	46.7	53.3	53.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 6000	46.7	53.3	53.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 5000	60.0	66.7	66.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 4500	60.0	66.7	66.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 4000	60.0	66.7	66.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 3500	66.7	73.3	73.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 3000	66.7	73.3	73.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 2500	73.3	80.0	80.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 2000	73.3	80.0	80.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1800	73.3	80.0	80.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1500	73.3	80.0	80.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1200	73.3	80.0	80.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1000	73.3	80.0	80.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 900	73.3	80.0	80.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 800	73.3	80.0	80.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 700	73.3	80.0	80.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 600	73.3	80.0	80.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 500	73.3	80.0	80.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 400	73.3	80.0	80.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 300	73.3	80.0	80.0	93.3	93.3	93.3	93.3	93.3	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	73.3	80.0	80.0	93.3	93.3	93.3	93.3	93.3	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	73.3	80.0	80.0	93.3	93.3	93.3	93.3	93.3	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	73.3	80.0	80.0	93.3	93.3	93.3	93.3	93.3	93.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 15

D - 2 - 100

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	11.1	11.1	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 20000	11.1	11.1	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 18000	11.1	11.1	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 16000	11.1	11.1	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 14000	11.1	11.1	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 12000	11.1	11.1	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 10000	22.2	22.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 9000	22.2	22.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 8000	22.2	22.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 7000	22.2	22.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 6000	22.2	22.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 5000	22.2	22.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 4500	33.3	33.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 4000	33.3	33.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 3500	33.3	33.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 3000	33.3	33.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 2500	33.3	33.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 2000	33.3	33.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 1800	33.3	33.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 1500	33.3	33.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 1200	33.3	33.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 1000	33.3	33.3	55.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 900	33.3	33.3	55.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 800	33.3	33.3	55.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 700	33.3	33.3	55.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 600	33.3	33.3	55.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 500	33.3	33.3	55.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 400	33.3	33.3	55.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 300	33.3	33.3	55.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 200	33.3	33.3	55.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 100	33.3	33.3	55.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	77.8	88.9	88.9
GE 000	33.3	33.3	55.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	77.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 9

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	27.4	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
GE 20000	31.5	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
GE 18000	31.5	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
GE 16000	31.5	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
GE 14000	31.5	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
GE 12000	31.5	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
GE 10000	34.2	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 9000	34.2	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 8000	46.6	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 7000	46.6	49.3	52.1	52.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 6000	46.6	49.3	52.1	52.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 5000	47.9	52.1	54.8	54.8	56.2	56.2	56.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 4500	49.3	53.4	56.2	56.2	57.5	57.5	57.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 4000	49.3	53.4	57.5	57.5	58.9	58.9	58.9	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 3500	49.3	53.4	57.5	57.5	58.9	58.9	58.9	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 3000	50.7	54.8	58.9	58.9	60.3	60.3	60.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 2500	53.4	57.5	61.6	61.6	63.0	63.0	63.0	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 2000	53.4	57.5	61.6	61.6	63.0	63.0	63.0	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 1800	53.4	57.5	61.6	61.6	63.0	63.0	63.0	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 1500	53.4	57.5	63.0	63.0	65.8	65.8	65.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 1200	53.4	57.5	63.0	64.4	67.1	67.1	67.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 1000	54.8	58.9	64.4	65.8	68.5	68.5	68.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 900	54.8	60.3	65.8	67.1	69.9	69.9	69.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 800	54.8	60.3	65.8	67.1	69.9	69.9	69.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 700	54.8	61.6	67.1	69.9	72.6	72.6	72.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 600	54.8	61.6	67.1	69.9	72.6	72.6	72.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 500	56.2	63.0	68.5	71.2	74.0	74.0	74.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 400	56.2	63.0	68.5	71.2	75.3	75.3	75.3	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 300	57.5	64.4	69.9	72.6	76.7	76.7	76.7	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 200	57.5	64.4	69.9	72.6	76.7	76.7	76.7	82.2	82.2	82.2	83.6	83.6	83.6	83.6	83.6	83.6
GE 100	57.5	64.4	69.9	72.6	76.7	76.7	76.7	82.2	82.2	82.2	83.6	83.6	86.3	87.7	87.7	93.2
GE 000	57.5	64.4	69.9	72.6	76.7	76.7	76.7	82.2	82.2	82.2	83.6	83.6	86.3	87.7	87.7	100.0

TOTAL NUMBER OF OBSERVATIONS 73

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.0	40.0	40.1	40.3	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	41.0	41.1
GE 20000	44.2	45.5	45.6	45.7	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.8	46.9
GE 18000	44.2	45.5	45.6	45.7	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.8	46.9
GE 16000	44.3	45.6	45.7	45.9	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.9	47.0
GE 14000	44.4	45.7	45.9	46.0	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	47.0	47.2
GE 12000	44.7	46.2	46.3	46.5	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.5	47.6
GE 10000	46.9	48.5	49.1	49.4	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.4	50.5
GE 9000	47.8	49.5	50.1	50.4	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.4	51.5
GE 8000	52.2	54.3	55.1	55.4	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.6	56.7
GE 7000	53.8	56.1	57.0	57.3	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.6
GE 6000	54.5	57.0	57.9	58.2	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.5
GE 5000	56.3	58.9	59.7	60.3	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.5	61.6
GE 4500	58.3	60.9	61.8	62.5	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6	63.8
GE 4000	59.5	62.2	63.1	63.8	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.1	65.2
GE 3500	62.2	64.9	66.1	66.8	67.7	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.3	68.4
GE 3000	63.5	66.2	67.5	68.3	69.1	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.7	69.8
GE 2500	64.5	67.2	68.5	69.3	70.4	70.7	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.1	71.3
GE 2000	66.7	69.4	70.7	71.4	73.0	73.3	73.4	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.7	73.9
GE 1800	67.4	70.3	71.9	72.6	74.2	74.5	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.9	75.0
GE 1500	69.6	72.7	74.3	75.2	76.9	77.2	77.3	77.3	77.3	77.6	77.6	77.6	77.6	77.6	77.8	77.9
GE 1200	71.0	74.9	76.8	77.9	79.7	79.9	80.2	80.2	80.2	80.5	80.5	80.5	80.5	80.5	80.7	80.8
GE 1000	72.2	76.5	78.8	79.9	81.7	82.0	82.3	82.4	82.4	82.7	82.7	82.7	82.7	82.7	82.8	83.0
GE 900	73.2	78.2	80.7	82.1	84.0	84.3	84.7	84.8	84.8	85.1	85.1	85.1	85.1	85.1	85.3	85.4
GE 800	73.3	78.6	81.4	82.8	84.7	85.1	85.7	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.3	86.4
GE 700	74.5	80.2	83.1	84.7	86.9	87.3	87.9	88.0	88.0	88.3	88.5	88.5	88.5	88.5	88.6	88.7
GE 600	74.9	81.4	84.4	86.3	88.7	89.2	89.8	89.9	89.9	90.2	90.3	90.3	90.3	90.3	90.5	90.6
GE 500	75.3	82.5	86.1	88.3	91.2	91.6	92.4	92.5	92.6	92.9	93.1	93.1	93.1	93.1	93.2	93.4
GE 400	75.5	82.8	86.6	88.7	91.6	92.2	93.5	93.9	94.1	94.4	94.7	94.8	94.8	94.8	94.9	95.1
GE 300	75.5	82.8	86.7	89.0	92.4	92.9	94.8	95.5	95.8	96.4	96.7	96.8	97.1	97.1	97.4	97.7
GE 200	75.5	82.8	86.7	89.0	92.4	92.9	94.8	95.8	96.1	96.7	97.1	97.4	98.0	98.0	98.6	98.8
GE 100	75.5	82.8	86.7	89.0	92.4	92.9	94.8	95.8	96.2	96.8	97.3	97.5	98.1	98.3	99.3	99.9
GE 000	75.5	82.8	86.7	89.0	92.4	92.9	94.8	95.8	96.2	96.8	97.3	97.5	98.1	98.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 693

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.1	40.6	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 20000	49.2	50.1	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 18000	49.2	50.1	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 16000	49.2	50.1	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 14000	49.2	50.1	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 12000	49.5	50.4	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 10000	51.9	53.2	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 9000	52.6	53.9	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 8000	58.4	59.9	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 7000	59.5	61.2	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 6000	60.1	61.8	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 5000	60.8	62.5	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 4500	62.2	63.9	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 4000	63.0	64.7	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 3500	64.9	66.6	67.3	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 3000	67.6	69.4	70.4	70.4	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 2500	71.9	74.3	75.5	75.7	76.4	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 2000	74.5	76.9	78.0	78.6	79.3	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 1800	76.0	78.6	79.7	80.4	81.1	81.1	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 1500	77.6	80.7	81.8	82.8	83.5	83.5	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 1200	78.7	82.2	83.6	84.6	85.3	85.3	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1000	80.1	83.9	85.9	87.0	88.0	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 900	81.0	84.9	86.9	88.0	89.1	89.1	89.3	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6
GE 800	81.5	85.8	88.2	89.3	90.4	90.4	90.6	90.7	90.7	90.7	91.0	91.0	91.0	91.0	91.0	91.0
GE 700	82.2	86.9	89.4	90.7	91.8	92.1	92.2	92.5	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8
GE 600	83.1	88.0	90.8	92.5	93.7	94.1	94.2	94.5	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8
GE 500	83.5	88.9	92.4	94.1	95.6	96.2	96.6	97.3	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7
GE 400	83.5	89.3	92.8	94.5	96.1	96.8	97.7	98.4	98.4	98.6	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	83.5	89.3	93.1	94.8	96.5	97.2	98.2	99.0	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	83.5	89.3	93.1	94.8	96.5	97.2	98.2	99.2	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	83.5	89.3	93.1	94.8	96.5	97.2	98.2	99.2	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	83.5	89.3	93.1	94.8	96.5	97.2	98.2	99.2	99.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 709

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.2	45.3	45.5	45.5	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 20000	54.5	55.6	55.9	56.1	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 18000	54.5	55.6	55.9	56.1	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 16000	54.5	55.6	55.9	56.1	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 14000	54.9	56.1	56.4	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 12000	55.0	56.2	56.5	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 10000	57.0	58.2	58.6	58.8	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 9000	57.3	58.5	58.9	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 8000	60.8	62.3	62.8	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 7000	62.3	63.8	64.2	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 6000	62.9	64.4	64.8	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 5000	64.8	66.5	67.2	67.4	67.7	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 4500	65.9	67.5	68.2	68.4	68.7	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 4000	66.9	68.7	69.4	69.6	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 3500	69.1	70.9	71.7	71.8	72.3	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 3000	71.1	73.0	73.9	74.2	74.8	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 2500	73.7	75.8	76.7	77.0	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 2000	75.5	77.9	78.9	79.7	80.4	80.4	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 1800	76.6	78.9	80.0	80.7	81.5	81.5	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 1500	78.8	82.2	83.5	84.3	85.3	85.3	85.8	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1200	79.7	83.1	84.7	85.5	86.5	86.5	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1000	80.3	84.0	86.1	86.9	88.1	88.1	88.6	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 900	80.9	84.7	86.8	87.8	89.0	89.0	89.5	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 800	81.8	85.8	88.1	89.2	90.5	90.5	91.1	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 700	82.0	86.5	89.0	90.5	91.8	92.0	92.6	92.7	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3
GE 600	82.8	87.4	90.2	91.7	93.2	93.3	94.2	94.4	94.7	94.8	95.0	95.0	95.0	95.0	95.0	95.0
GE 500	83.4	88.6	91.5	93.2	94.7	95.0	96.3	96.4	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2
GE 400	83.5	88.9	91.8	93.5	95.0	95.4	97.5	97.9	98.2	98.5	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	83.5	88.9	91.8	93.8	95.4	95.8	98.1	98.7	99.0	99.3	99.7	99.7	99.9	99.9	99.9	99.9
GE 200	83.5	88.9	91.8	93.8	95.4	95.8	98.1	98.7	99.0	99.3	99.7	99.9	100.0	100.0	100.0	100.0
GE 100	83.5	88.9	91.8	93.8	95.4	95.8	98.1	98.7	99.0	99.3	99.7	99.9	100.0	100.0	100.0	100.0
GE 000	83.5	88.9	91.8	93.8	95.4	95.8	98.1	98.7	99.0	99.3	99.7	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 674

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.7	53.1	54.2	54.8	54.8	54.8	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 20000	55.7	58.1	59.2	60.0	60.0	60.0	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 18000	55.9	58.3	59.3	60.2	60.2	60.2	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 16000	55.9	58.3	59.3	60.2	60.2	60.2	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 14000	55.9	58.3	59.3	60.2	60.2	60.2	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 12000	56.7	59.2	60.2	61.1	61.1	61.1	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 10000	59.0	61.8	62.8	63.7	63.7	63.7	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 9000	59.0	61.8	62.8	63.7	63.7	63.7	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 8000	61.4	64.4	65.6	66.4	66.4	66.4	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 7000	61.9	64.9	66.1	67.0	67.0	67.0	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 6000	61.9	64.9	66.1	67.0	67.0	67.0	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 5000	63.0	65.9	67.5	68.5	68.5	68.5	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 4500	64.4	67.5	69.0	70.1	70.1	70.1	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 4000	66.3	69.7	71.5	72.5	72.7	72.7	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 3500	67.5	70.9	72.7	73.7	73.9	73.9	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 3000	68.7	72.5	74.6	76.0	76.5	76.5	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 2500	70.9	75.1	77.5	79.1	80.3	80.3	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 2000	72.1	76.8	79.2	80.8	82.0	82.0	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 1800	72.3	77.2	79.6	81.1	82.4	82.4	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 1500	73.9	79.2	82.2	83.9	85.1	85.1	85.8	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 1200	75.1	81.0	84.1	85.8	87.2	87.2	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1000	76.1	82.2	85.3	87.0	88.4	88.4	89.1	89.3	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 900	77.0	83.7	86.9	88.6	90.0	90.0	90.7	90.8	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 800	77.2	83.9	87.0	88.9	90.3	90.3	91.0	91.2	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 700	77.3	84.4	87.5	89.6	91.0	91.0	91.7	91.9	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 600	77.3	84.8	87.9	90.1	91.9	91.9	93.1	93.3	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 500	77.7	85.1	88.6	90.8	92.7	92.7	94.1	94.3	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 400	77.7	85.5	88.9	91.3	93.6	93.6	95.7	95.8	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 300	77.7	85.5	89.1	91.5	93.8	93.8	96.0	96.2	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6
GE 200	77.7	85.5	89.1	91.5	93.8	93.9	96.4	96.7	97.8	98.3	98.6	98.6	98.6	98.8	98.8	98.8
GE 100	77.7	85.5	89.1	91.5	93.8	93.9	96.7	97.1	98.1	98.6	99.0	99.0	99.1	99.1	99.3	99.3
GE 000	77.7	85.5	89.1	91.5	93.8	93.9	96.7	97.1	98.1	98.6	99.0	99.0	99.1	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 578

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.4	62.3	63.3	64.5	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.5
GE 20000	61.0	63.9	65.2	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	67.4
GE 18000	61.0	63.9	65.2	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	67.4
GE 16000	61.0	63.9	65.2	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	67.4
GE 14000	61.0	63.9	65.2	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	67.4
GE 12000	62.6	65.5	66.8	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	69.0
GE 10000	64.2	67.4	68.7	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.9
GE 9000	64.2	67.4	68.7	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.9
GE 8000	66.8	70.9	72.5	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.8
GE 7000	68.7	72.8	74.4	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.7
GE 6000	68.7	72.8	74.4	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.7
GE 5000	68.7	72.8	75.1	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.3
GE 4500	68.7	73.2	75.4	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.6
GE 4000	71.6	76.0	78.3	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.5
GE 3500	73.2	78.0	80.5	81.8	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	83.1
GE 3000	73.8	78.6	81.2	82.7	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	84.0
GE 2500	75.1	80.5	83.1	84.7	85.3	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	86.3
GE 2000	75.7	81.2	83.7	85.3	85.9	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.9
GE 1800	75.7	81.2	83.7	85.3	85.9	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.9
GE 1500	76.7	82.1	85.0	86.6	87.2	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	88.2
GE 1200	77.6	83.7	86.6	88.2	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.8
GE 1000	78.6	85.0	87.9	89.5	90.1	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	91.1
GE 900	79.6	86.3	89.1	90.7	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	92.3
GE 800	79.6	86.6	89.8	91.4	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	93.0
GE 700	79.9	87.2	90.7	92.7	93.3	93.3	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.9
GE 600	79.9	87.5	91.1	93.0	93.6	93.6	94.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.5
GE 500	80.2	88.2	91.7	93.6	94.2	94.2	95.5	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.8
GE 400	80.2	88.2	91.7	93.6	94.9	94.9	96.2	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	98.1
GE 300	80.2	88.2	91.7	93.6	94.9	94.9	96.5	97.4	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.7
GE 200	80.2	88.5	92.0	93.9	95.2	95.2	96.8	97.8	98.1	98.7	99.0	99.0	99.0	99.0	99.0	99.7
GE 100	80.2	88.5	92.0	93.9	95.2	95.2	96.8	97.8	98.1	98.7	99.0	99.0	99.0	99.0	99.0	99.7
GE 000	80.2	88.5	92.0	93.9	95.2	95.2	96.8	97.8	98.1	98.7	99.0	99.0	99.0	99.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 313

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.4	45.8	46.3	46.7	46.8	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.1
GE 20000	51.1	52.7	53.3	53.7	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2
GE 18000	51.1	52.7	53.3	53.8	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2	54.3
GE 16000	51.2	52.7	53.4	53.8	54.0	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3
GE 14000	51.3	52.9	53.5	53.9	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4
GE 12000	51.8	53.4	54.0	54.5	54.7	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.0
GE 10000	53.9	55.8	56.6	57.0	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5
GE 9000	54.4	56.3	57.0	57.5	57.7	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.0
GE 8000	58.5	60.7	61.6	62.1	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.6
GE 7000	59.8	62.1	63.0	63.5	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.0	64.1
GE 6000	60.2	62.5	63.5	63.9	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5
GE 5000	61.5	63.9	65.1	65.6	66.0	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3
GE 4500	62.8	65.3	66.5	67.1	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.8
GE 4000	64.1	66.8	68.0	68.6	69.0	69.1	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4
GE 3500	66.1	68.8	70.1	70.7	71.2	71.2	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6
GE 3000	67.8	70.6	72.1	72.8	73.4	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9
GE 2500	70.2	73.3	75.0	75.8	76.7	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.3
GE 2000	72.0	75.3	76.9	77.9	78.9	79.0	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5
GE 1800	72.8	76.1	77.9	78.9	79.9	80.0	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5
GE 1500	74.5	78.4	80.4	81.5	82.6	82.7	83.0	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.4
GE 1200	75.6	79.9	82.1	83.4	84.5	84.6	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3
GE 1000	76.7	81.3	83.8	85.1	86.4	86.5	86.8	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.3
GE 900	77.5	82.5	85.1	86.5	87.8	87.9	88.3	88.4	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.8
GE 800	77.9	83.1	85.9	87.4	88.7	88.8	89.3	89.5	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.9
GE 700	78.4	84.1	87.0	88.7	90.2	90.4	90.9	91.1	91.3	91.4	91.5	91.5	91.5	91.5	91.6	91.7
GE 600	78.9	84.9	88.0	89.9	91.5	91.7	92.4	92.6	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.2
GE 500	79.3	85.8	89.3	91.3	93.1	93.4	94.4	94.7	95.0	95.2	95.3	95.3	95.3	95.3	95.4	95.5
GE 400	79.4	86.1	89.6	91.6	93.6	94.0	95.5	96.1	96.4	96.6	96.9	96.9	96.9	96.9	96.9	97.0
GE 300	79.4	86.1	89.8	91.9	94.1	94.5	96.2	96.9	97.3	97.6	97.9	97.9	98.0	98.0	98.1	98.2
GE 200	79.4	86.1	89.8	91.9	94.1	94.5	96.3	97.2	97.6	98.0	98.4	98.5	98.7	98.7	98.9	99.0
GE 100	79.4	86.1	89.8	91.9	94.1	94.5	96.3	97.2	97.7	98.1	98.5	98.6	98.9	99.0	99.3	99.6
GE 000	79.4	86.1	89.8	91.9	94.1	94.5	96.3	97.2	97.7	98.1	98.5	98.6	98.9	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 3064

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.3	50.0	51.4	51.9	52.2	52.2	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.5	52.5
GE 20000	57.4	62.1	64.0	64.7	65.1	65.1	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.5	65.5
GE 18000	57.5	62.3	64.1	64.8	65.2	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.6
GE 16000	57.6	62.4	64.2	64.9	65.3	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7
GE 14000	57.9	62.7	64.5	65.2	65.7	65.7	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.1	66.1
GE 12000	58.7	63.6	65.4	66.2	66.6	66.7	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.1	67.1
GE 10000	61.6	66.9	69.0	69.8	70.4	70.4	70.6	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8
GE 9000	62.1	67.4	69.5	70.3	70.9	71.0	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.4	71.4
GE 8000	65.5	71.3	73.6	74.5	75.2	75.3	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.7	75.7
GE 7000	66.2	72.0	74.4	75.3	75.9	76.0	76.2	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.5	76.5
GE 6000	66.4	72.3	74.7	75.6	76.3	76.4	76.6	76.6	76.6	76.7	76.7	76.7	76.8	76.8	76.8	76.8
GE 5000	67.0	72.9	75.3	76.2	76.9	77.0	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4
GE 4500	67.3	73.3	75.7	76.7	77.4	77.5	77.7	77.7	77.7	77.8	77.8	77.8	77.9	77.9	77.9	77.9
GE 4000	68.3	74.5	76.9	77.9	78.6	78.7	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.2	79.2
GE 3500	69.3	75.6	78.1	79.2	79.9	80.0	80.3	80.3	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.5
GE 3000	72.0	78.7	81.5	82.6	83.5	83.6	83.9	84.0	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.2
GE 2500	73.8	80.7	83.6	84.9	85.8	86.0	86.3	86.4	86.4	86.5	86.6	86.6	86.6	86.6	86.7	86.7
GE 2000	75.3	82.4	85.5	86.9	88.0	88.1	88.5	88.6	88.6	88.7	88.8	88.8	88.8	88.8	88.9	88.9
GE 1800	75.6	82.8	85.9	87.2	88.3	88.5	88.8	89.0	89.0	89.1	89.2	89.2	89.2	89.2	89.3	89.3
GE 1500	77.2	84.7	88.0	89.4	90.6	90.8	91.2	91.4	91.4	91.5	91.6	91.6	91.7	91.7	91.7	91.7
GE 1200	77.8	85.6	89.0	90.5	91.8	91.9	92.3	92.5	92.6	92.7	92.8	92.8	92.8	92.8	92.9	92.9
GE 1000	78.6	86.5	90.2	91.8	93.2	93.3	93.8	94.0	94.1	94.2	94.3	94.3	94.4	94.4	94.4	94.4
GE 900	78.9	87.0	90.7	92.4	93.8	93.9	94.4	94.7	94.7	94.9	94.9	94.9	95.0	95.0	95.1	95.1
GE 800	79.0	87.3	91.1	92.9	94.3	94.6	95.1	95.3	95.4	95.6	95.6	95.6	95.7	95.7	95.8	95.8
GE 700	79.2	87.6	91.5	93.4	94.9	95.2	95.7	96.0	96.0	96.3	96.3	96.3	96.4	96.4	96.5	96.5
GE 600	79.4	87.9	92.0	93.9	95.6	95.8	96.5	96.8	96.8	97.1	97.2	97.2	97.3	97.3	97.3	97.3
GE 500	79.6	88.1	92.3	94.3	96.1	96.4	97.2	97.5	97.6	97.9	98.0	98.0	98.1	98.1	98.2	98.2
GE 400	79.6	88.2	92.5	94.5	96.4	96.8	97.6	98.1	98.2	98.5	98.7	98.7	98.8	98.8	98.8	98.9
GE 300	79.6	88.3	92.5	94.6	96.6	96.9	97.9	98.4	98.5	99.0	99.1	99.1	99.3	99.3	99.4	99.4
GE 200	79.6	88.3	92.5	94.6	96.6	96.9	97.9	98.5	98.6	99.1	99.3	99.3	99.6	99.6	99.7	99.7
GE 100	79.6	88.3	92.5	94.6	96.6	96.9	97.9	98.5	98.6	99.1	99.3	99.4	99.6	99.7	99.8	100.0
GE 000	79.6	88.3	92.5	94.6	96.6	96.9	97.9	98.5	98.6	99.1	99.3	99.4	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 40115

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN HOURS: ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	33.3	22.2	22.2	11.1	11.1	44.4	11.1	9
03-05		100.0						4
06-08	25.5	38.2	25.5	9.1	1.8	36.4	5.5	55
09-11	13.6	28.9	25.8	29.5	2.2	57.5	3.2	689
12-14	9.0	30.4	31.8	28.6	.3	60.6	3.5	746
15-17	6.5	32.5	32.0	28.9	.1	61.0	4.7	724
18-20	19.0	29.8	20.3	30.3	.6	51.2	2.8	637
21-23	34.6	22.3	16.6	25.7	.8	43.2	3.8	373
ALL HOURS	14.7	29.7	26.4	28.4	.8	55.6	3.6	3237

MONTH: FEB HOURS: ALL

00-02	20.0		20.0	40.0	20.0	80.0	20.0	5
03-05	16.7	33.3		50.0		50.0		6
06-08	10.2	23.7	25.4	37.3	3.4	66.1	1.7	59
09-11	12.0	23.8	30.4	30.8	3.0	64.2	2.5	668
12-14	8.6	27.6	35.1	28.3	.4	63.9	2.7	700
15-17	6.0	33.7	30.6	29.5	.1	60.3	4.2	667
18-20	17.6	33.5	21.7	27.0	.2	48.9	4.4	585
21-23	31.7	28.6	15.6	23.2	1.0	39.7	2.9	315
ALL HOURS	13.0	29.3	28.1	28.6	1.0	57.7	3.4	3005

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBS	GT 1/2	PARTIAL OBS	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	72.7	18.2		9.1		9.1		11
03-05	55.6	11.1	22.2	11.1		33.3		9
06-08	10.5	26.3	32.9	26.3	3.9	63.2	2.6	76
09-11	14.0	27.2	34.1	24.4	.3	58.8	.8	742
12-14	13.0	32.2	33.4	21.4		54.8	.6	779
15-17	11.6	33.4	32.2	22.8		55.0	.8	773
18-20	20.0	32.4	22.8	24.0	.7	47.6	.3	679
21-23	35.2	24.6	15.4	24.6	.3	40.3	1.0	395
ALL HOURS	17.1	30.3	29.0	23.3	.3	52.6	.7	3464

MONTH: APR HOURS: ALL

00-02	33.3	38.9	16.7	2.8	8.3	27.8	13.9	36
03-05	8.3	33.3	41.7	8.3	8.3	58.3	8.3	12
06-08	16.8	29.9	28.8	21.2	3.3	53.3	4.9	184
09-11	15.1	35.7	31.7	17.6		49.2	.4	723
12-14	8.4	39.5	37.2	14.9		52.1		772
15-17	9.7	41.1	34.2	15.0		49.2		772
18-20	19.1	38.4	26.3	16.2		42.5		654
21-23	35.1	31.7	18.3	14.9		33.1	3.1	350
ALL HOURS	15.4	37.5	30.8	15.9	.3	47.0	.8	3503

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY HOURS: ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	35.3	41.2	5.9		17.6	23.5	11.8	17
03-05	4.8	38.1	33.3	19.0	4.8	57.1	23.8	21
06-08	18.8	28.1	34.0	18.1	1.0	53.1	1.7	288
09-11	9.4	35.0	39.8	15.8		55.6	.1	726
12-14	6.4	35.7	43.2	14.8		58.0	.3	771
15-17	6.3	38.8	41.7	13.3		55.0		720
18-20	15.6	37.4	32.9	14.0		47.0	.3	641
21-23	35.3	30.5	19.3	14.9		34.2	1.5	275
ALL HOURS	12.1	35.5	37.4	14.8	.2	52.4	.6	3459

MONTH: JUN HOURS: ALL

00-02	75.0	25.0						4
03-05	25.0	12.5	62.5			62.5	12.5	8
06-08	9.5	40.1	38.8	11.2	.3	50.3	1.3	304
09-11	4.4	39.7	44.7	11.2		55.9	.4	743
12-14	1.4	31.8	52.9	13.8		66.8	.4	767
15-17	1.1	31.5	49.4	18.0		67.4	.7	721
18-20	3.0	37.8	39.8	19.4		59.3	.9	643
21-23	14.5	51.0	24.7	9.8		34.5		255
ALL HOURS	4.1	36.7	44.6	14.6	.0	59.2	.6	3445

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST			
00-02	7.1	28.6	42.9	21.4	64.3		14
03-05	11.1	74.1	7.4	7.4	14.8	3.7	27
06-08	9.3	46.7	35.1	8.9	44.0	1.7	302
09-11	4.2	42.2	45.6	7.9	53.6	.6	709
12-14	.3	35.2	51.9	12.6	64.5	.8	724
15-17	.3	31.6	53.4	14.5	67.9	.4	695
18-20	3.6	35.2	45.2	16.0	61.2	1.1	619
21-23	13.2	42.1	30.2	14.5	44.7	2.1	235
ALL HOURS	3.6	37.8	46.2	12.4	58.6	.9	3325

MONTH: AUG HOURS: ALL

00-02	10.0	50.0	40.0		40.0		10
03-05		71.4	28.6		28.6	14.3	7
06-08	10.5	41.2	33.1	14.9	48.3	6.8	323
09-11	5.4	37.8	45.0	11.8	56.8	2.6	760
12-14	.3	32.3	51.9	15.5	67.4	2.5	798
15-17	.5	28.2	55.5	15.8	71.3	3.5	753
18-20	3.2	39.1	42.0	15.8	57.7	4.4	653
21-23	12.4	54.0	26.5	6.6	33.6	2.7	226
ALL HOURS	3.7	36.2	45.9	14.1	60.1	3.5	3530

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	
00-02		50.0	50.0		6
03-05	12.5	56.3	18.8	12.5	16
06-08	18.6	43.4	22.9	14.3	279
09-11	10.8	43.5	33.1	12.4	694
12-14	3.1	44.8	39.3	12.8	703
15-17	4.5	46.0	35.8	13.8	668
18-20	19.9	43.0	23.5	13.6	537
21-23	39.8	37.3	13.9	9.0	201
ALL HOURS	11.9	43.9	31.2	12.9	3104

MONTH: OCT HOURS: ALL

00-02	32.3	21.0	12.9	33.9		46.8		62
03-05	38.5	12.3	16.9	29.2	3.1	49.2	6.2	65
06-08	21.1	26.7	29.8	21.1	1.4	52.3	9.1	285
09-11	21.5	30.2	33.4	14.8	.1	48.3	.5	766
12-14	16.5	35.3	34.3	13.7	.2	48.3	.2	802
15-17	17.8	36.1	32.3	13.8		46.1	.4	775
18-20	32.9	35.6	21.0	10.6		31.5	.1	691
21-23	47.1	28.3	15.1	9.5		24.6	1.5	325
ALL HOURS	24.4	32.6	28.6	14.2	.2	43.0	1.2	3771

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	41.5	29.3	19.5	9.8		29.3		41
03-05	54.5	13.6	13.6	13.6	4.5	31.8	4.5	22
06-08	5.1	30.4	44.3	19.0	1.3	64.6	5.1	79
09-11	14.6	29.8	32.8	22.2	.6	55.6	1.2	658
12-14	8.3	35.9	34.3	21.6		55.9	.6	700
15-17	8.7	37.0	34.9	19.4		54.3	.6	691
18-20	24.1	33.1	22.8	19.4	.6	42.8	2.0	635
21-23	33.9	22.9	24.5	17.6	1.1	43.2	2.9	380
ALL HOURS	16.5	32.4	30.6	20.1	.4	51.1	1.4	3206

MONTH: DEC HOURS: ALL

00-02	26.7	33.3	33.3		6.7	40.0	13.3	15
03-05		11.1	44.4	11.1	33.3	88.9		9
06-08	5.5	19.2	30.1	32.9	12.3	75.3	6.8	73
09-11	12.0	25.7	29.4	31.0	1.9	62.3	3.2	693
12-14	9.0	27.9	33.9	29.2		63.0	1.4	709
15-17	7.3	32.8	32.9	26.9	.1	59.9	2.8	674
18-20	23.9	27.5	20.8	26.6	1.2	48.6	1.6	578
21-23	37.1	23.6	14.4	24.0	1.0	39.3	2.2	313
ALL HOURS	14.9	27.7	28.1	28.0	1.2	57.3	2.4	3064

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: ALL HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	33.0	29.6	19.1	14.3	3.9	37.4	5.2	230
03-05	25.2	32.0	21.4	17.5	3.9	42.7	8.3	206
06-08	14.0	35.6	32.2	16.7	1.4	50.3	4.4	2307
09-11	11.4	33.4	35.6	18.9	.7	55.2	1.3	8571
12-14	7.1	34.1	40.0	18.8	.1	58.9	1.1	8971
15-17	6.8	35.2	38.8	19.2	.0	58.0	1.5	8633
18-20	16.8	35.2	28.3	19.3	.3	47.9	1.5	7552
21-23	31.9	31.4	19.2	17.1	.4	36.7	2.1	3643
ALL HOURS	12.7	34.2	34.1	18.7	.4	53.1	1.6	40113

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPP	AA AA	RRRRRRRR	TT	EEEEEE
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	EEEEEE
PP	AAAAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEEEE

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PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5, GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

MEAN MONTHLY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN. THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND AWSP 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, DEW POINT TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

SPECIAL CAVEAT: DURING PART TIME PERIODS, THESE SUMMARIES REPRESENT THE "HIGH" AND "LOW" TEMPERATURES RECORDED AND NOT NECESSARILY THE ACTUAL MAXIMUM AND MINIMUM VALUES. THESE SUMMARIES ARE INFLUENCED BY THE ABSENCE OF NIGHTTIME TEMPERATURE READINGS. THEREFORE, CERTAIN SUMMARIES MAY DEPICT A SLIGHT "WARM" BIAS.

TEMPERATURE CONVERSIONS: $F = 1.8C + 32$

$C = K - 273.0$ (BEFORE 5 APRIL 77)

$C = K - 273.2$ (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED. THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: +06

PERIOD OF RECORD: 4909-4910,5208-5510,5602-9103
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 100						.7	1.6	.7					.3
GE 95					.2	12.3	18.1	14.7	7.1				4.5
GE 90				.7	9.2	52.2	65.3	63.4	43.1	3.1			20.5
GE 85			1.8	8.9	44.9	88.4	88.8	89.6	75.6	29.5	1.2		37.1
GE 80		.8	10.1	46.0	81.9	98.1	97.5	97.1	90.2	57.5	12.7	.8	51.2
GE 75	7.3	10.1	37.7	72.7	94.7	99.5	100.0	99.8	97.5	78.9	39.4	13.7	64.5
GE 70	19.2	32.2	59.9	90.4	99.8	100.0		100.0	99.1	92.1	59.2	32.9	75.4
GE 65	39.6	51.3	82.0	96.6	100.0				100.0	97.9	74.1	50.3	84.0
GE 60	55.4	67.2	90.6	99.5						99.4	87.0	67.1	89.8
GE 55	65.6	80.1	96.3	100.0						99.6	94.8	81.6	93.8
GE 50	78.2	89.1	98.9							100.0	98.6	90.5	96.7
GE 45	88.2	96.9	99.3								99.3	96.8	98.5
GE 40	96.3	99.4	100.0								99.8	99.5	99.6
GE 35	99.0	100.0									100.0	99.5	99.9
GE 33	99.5											99.5	99.9
GE 30	99.7											99.5	99.9
GE 25	100.0											99.7	100.0
GE 20												99.7	100.0
GE 15												100.0	100.0
MEAN	59.4	63.4	70.8	77.7	83.5	89.5	90.5	90.2	87.5	79.8	70.2	63.5	77.7
SD	11.03	9.62	8.01	5.90	4.76	4.34	4.83	4.39	5.62	6.73	8.77	10.03	12.95
TOTAL OBS	381	357	456	417	414	423	447	443	439	478	424	380	5059

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUXFL
LST TO UTC: +06

PERIOD OF RECORD: 4909-4910,5208-5510,5602-9103
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 95						.2	.2						.0
GE 90						.7	.9	.7	.7				.3
GE 85					1.4	3.3	5.4	3.2	3.0	.4			1.4
GE 80					4.3	18.9	32.7	22.8	11.8	1.7	.2		8.0
GE 75			.9	4.6	22.2	60.0	72.7	70.7	43.5	5.6	1.4	.5	24.4
GE 70	2.1	2.8	7.9	24.5	56.5	92.7	98.9	99.3	76.8	21.1	8.0	3.9	42.5
GE 65	7.3	7.3	25.4	45.6	84.1	99.3	99.8	100.0	90.4	43.1	23.8	10.8	54.6
GE 60	18.6	17.4	45.4	69.8	97.8	100.0	100.0		96.6	64.2	36.8	23.9	65.8
GE 55	30.4	35.0	61.6	88.5	99.3				99.5	77.4	55.7	35.0	74.9
GE 50	41.5	50.4	78.7	95.7	99.8				99.8	89.5	69.3	49.2	82.4
GE 45	54.1	66.1	89.7	98.8	99.8				100.0	97.1	82.5	65.8	88.8
GE 40	67.7	80.1	95.8	99.8	100.0					99.4	93.6	78.7	93.6
GE 35	81.4	90.5	98.9	100.0						99.8	98.6	90.8	97.0
GE 33	85.8	93.6	99.1							100.0	99.3	93.7	97.9
GE 30	92.7	96.6	99.8								100.0	97.6	99.0
GE 25	98.2	99.2	99.8									99.5	99.7
GE 20	99.0	100.0	100.0									99.7	99.9
GE 15	99.5											99.7	99.9
GE 10	100.0											100.0	100.0
MEAN	46.4	49.2	57.1	63.3	70.2	75.7	77.5	76.8	73.2	61.9	55.5	49.8	63.6
SD	12.21	10.67	9.45	7.47	5.84	4.59	4.38	3.88	6.35	9.06	10.37	11.46	13.65
TOTAL OBS	381	357	456	417	414	423	447	443	439	478	424	380	5059

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: +06

PERIOD OF RECORD: 4909-4910,5208-5510,5602-9103
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 95						.2	.9						.1
GE 90					.5	3.8	6.7	3.8	1.6				1.4
GE 85					3.6	31.7	48.1	43.6	21.9	.6			13.0
GE 80			.7	3.6	32.1	83.5	87.9	88.9	64.9	12.3	.7		32.4
GE 75	.3	.6	7.0	30.0	73.7	98.1	99.1	99.1	88.2	36.4	7.8	1.6	46.7
GE 70	6.0	6.2	30.7	62.1	93.5	100.0	100.0	100.0	96.6	63.0	28.3	11.3	59.9
GE 65	17.1	23.0	54.2	83.9	99.3				99.5	79.7	50.2	26.6	71.2
GE 60	34.1	42.9	72.1	95.7	99.8				100.0	92.9	67.2	42.1	80.4
GE 55	48.6	58.8	86.4	98.8	100.0					98.7	79.7	58.7	87.0
GE 50	61.7	75.6	95.2	100.0						99.6	91.5	75.8	92.4
GE 45	74.0	87.4	98.0							100.0	98.6	89.2	96.0
GE 40	88.2	94.7	99.6								99.3	95.8	98.3
GE 35	95.8	98.9	99.8								100.0	99.2	99.5
GE 33	97.4	99.7	99.8									99.5	99.7
GE 30	99.2	100.0	100.0									99.5	99.9
GE 25	99.5											99.7	99.9
GE 20	100.0											99.7	100.0
GE 15												100.0	100.0
MEAN	53.2	56.5	64.2	70.7	77.1	82.9	84.2	83.8	80.6	71.1	63.1	56.9	70.9
SD	11.14	9.54	8.15	5.98	4.59	3.75	3.93	3.42	5.12	7.16	8.91	10.25	12.93
TOTAL OBS	381	357	456	417	414	423	447	443	439	478	424	380	5059

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUXFL
LST TO UTC: +06

PERIOD OF RECORD: 4909-4910,5208-5510,5602-9103
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
49									95*	89			95*
52								*	*	*	*	*	*
53	*	*	*	*	*	*	*	*	*	*	*	*	*
54	*	*	*	*	*	*	*	*	*	*	*	*	*
55	*	*	*	*	*	*	*	*	*	*			*
56		*	*	*	*	*	*	*	*	*	*	*	*
57	*	*	*	*	*	*	*	*	*	*	*	*	*
58	*	*	*	*	*	*	*	*	*	*	*	*	*
59	*	*	*	*	*	*	*	*	*	*	*	*	*
60	*	*	*	*	*	*	*	*	*	*	*	*	*
61	*	*	*	*	*	*	*	*	*	*	*	*	*
62	*	*	*	*	*	*	*	*	*	*	*	*	*
63	*	*	*	*	*	*	*	*	*	*	*	*	*
64	*	*	*	*	*	94*	93*	96*	97*	*	82*	*	97*
65	*	*	*	*	*	*	*	*	*	*	*	*	*
66	*	*	*	*	*	*	*	*	*	*	*	*	*
67	*		*	*	*	*	*	*	*	*	*	*	*
68	*	*	*	*	*	*	*	*	*	*	*	*	*
69	*	*	*	*	*	*	*	*	*	*	*	*	*
70	*	*	*	*	*	*	*	*	*	*	*	*	*
71	76*	74*	78*	87*	89*	97*	93*	94*	92*	90*	86*	81*	97*
72	78*	81*	84	88	91	99	99	100	95	91	83	80*	100*
73	73*	70*	79	86	89	97	98	95	92	90*	84	75*	98*
74	79	75	85	83	95	96	99	94	93	85*	85*	70*	99*
75	76	80	79	86	93	93	93	96	94	88	85	76*	96*
76	70	79	80	91	85	95	97	95	90	86	74*	72*	97*
77	71	77	83	85	91*	96	98	94	93	89	78	77*	98*
78	68	72	84	88	93	100	94*	95	94*	90	83*	79*	100*
79	69*	73*	82*	88	88	99	97*	95*	93*	89	79*	75*	99*
80	73*	74*	80	90*	92*	95*	103	100*	98	88	81	76*	103*

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: +06

PERIOD OF RECORD: 4909-4910,5208-5510,5602-9103
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	69*	83*	82*	90	89*	98	100*	97	92*	91	82*	74*	100*
82	76*	79	88	82	92*	98*	97*	95	95*	88*	83*	79*	98*
83	73	71*	81	81*	91	91	98*	98	95*	90	82*	78*	98*
84	71	74*	85	85*	90*	95	96	96	93*	88*	82	77	96*
89			87				100*		97*	88*	81*	73*	100*
90	77*	78	82	87	90	98	97*	99	97*	91*	85*	78*	99*
91	*	*	*										*

GREATEST	79	83	88	91	95	100	103	100	98	91	86	81	103
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TOTAL OBS	381	357	456	417	414	423	447	443	439	478	424	380	5059
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THE GREATEST VALUE OF 103 OCCURRED ON 07/13/80

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUXFL
LST TO UTC: +06

PERIOD OF RECORD: 4909-4910,5208-5510,5602-9103
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
49									52*	56			52*
52								*	*	*	*	*	*
53	*	*	*	*	*	*	*	*	*	*	*	*	*
54	*	*	*	*	*	*	*	*	*	*	*	*	*
55	*	*	*	*	*	*	*	*	*	*			*
56		*	*	*	*	*	*	*	*	*	*	*	*
57	*	*	*	*	*	*	*	*	*	*	*	*	*
58	*	*	*	*	*	*	*	*	*	*	*	*	*
59	*	*	*	*	*	*	*	*	*	*	*	*	*
60	*	*	*	*	*	*	*	*	*	*	*	*	*
61	*	*	*	*	*	*	*	*	*	*	*	*	*
62	*	*	*	*	*	*	*	*	*	*	*	*	*
63	*	*	*	*	*	*	*	*	*	*	*	*	*
64	*	*	*	*	*	66*	64*	69*	64*	*	59*	*	59*
65	*	*	*	*	*	*	*	*	*	*	*	*	*
66	*	*	*	*	*	*	*	*	*	*	*	*	*
67	*		*	*	*	*	*	*	*	*	*	*	*
68	*	*	*	*	*	*	*	*	*	*	*	*	*
69	*	*	*	*	*	*	*	*	*	*	*	*	*
70	*	*	*	*	*	*	*	*	*	*	*	*	*
71	19*	21*	30*	38*	42*	65*	68*	69*	57*	43*	34*	44*	19*
72	20*	29*	30	56	62	63	70	72	66	48	40	32*	20*
73	51*	45*	47	46	60	70	72	70	62	50*	44	28*	28*
74	48	27	42	47	63	64	72	71	69	48*	36*	33*	27*
75	30	34	36	50	65	69	70	72	55	52	35	27*	27*
76	29	38	44	52	60	67	70	71	64	39	31*	25*	25*
77	14	29	43	46	63*	67	73	70	72	38	34	31*	14*
78	26	29	32	52	61	69	72*	72	66*	44	46*	31*	26*
79	23*	29*	43*	52	64	70	73*	71*	64*	40	30*	32*	23*
80	33*	24*	24	51*	60*	69*	72	70*	72	42	35	35*	24*

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: +06

PERIOD OF RECORD: 4909-4910,5208-5510,5602-9103
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	23*	27*	43*	43	52*	73	71*	68	58*	44	41*	34*	23*
82	13*	39	40	47	65*	70*	72*	71	60*	47*	43*	37*	13*
83	25	35*	35	42*	55	67	71*	71	55*	48	39*	29*	25*
84	29	30*	36	48*	56*	67	67	72	61*	54*	36	25	25*
89			39				71*		61*	34*	40*	12*	12*
90	40*	45	43	51	60	71	71*	70	48*	47*	43*	37*	37*
91	*	*	*										*
LEAST	13	21	24	38	42	63	64	68	48	34	30	12	12
TOTAL OBS	381	357	456	417	414	423	447	443	439	478	424	380	5059

THE LEAST VALUE OF 12 OCCURRED ON 12/23/89

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUXFL
LST TO UTC: +06

PERIOD OF RECORD: 4909-4910,5208-5510,5602-9103
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
49									77*	75			76*
52								*	*	*	*	*	0*
53	*	*	*	*	*	*	*	*	*	*	*	*	0*
54	*	*	*	*	*	*	*	*	*	*	*	*	0*
55	*	*	*	*	*	*	*	*	*	*	*	*	0*
56		*	*	*	*	*	*	*	*	*	*	*	0*
57	*	*	*	*	*	*	*	*	*	*	*	*	0*
58	*	*	*	*	*	*	*	*	*	*	*	*	0*
59	*	*	*	*	*	*	*	*	*	*	*	*	0*
60	*	*	*	*	*	*	*	*	*	*	*	*	0*
61	*	*	*	*	*	*	*	*	*	*	*	*	0*
62	*	*	*	*	*	*	*	*	*	*	*	*	0*
63	*	*	*	*	*	*	*	*	*	*	*	*	0*
64	*	*	*	*	*	81*	80*	82*	79*	*	70*	*	80*
65	*	*	*	*	*	*	*	*	*	*	*	*	0*
66	*	*	*	*	*	*	*	*	*	*	*	*	0*
67	*		*	*	*	*	*	*	*	*	*	*	0*
68	*	*	*	*	*	*	*	*	*	*	*	*	0*
69	*	*	*	*	*	*	*	*	*	*	*	*	0*
70	*	*	*	*	*	*	*	*	*	*	*	*	0*
71	53*	52*	58*	68*	73*	81*	81*	81*	79*	72*	60*	66*	69*
72	60*	57*	65	74	77	83	85	85	83	73	62	60*	73*
73	61*	60*	67	69	76	83	86	83	81	73*	68	55*	74*
74	67	57	68	71	80	82	84	83	81	71*	64*	53*	72*
75	57	62	62	69	79	83	83	84	77	73	64	54*	71*
76	52	62	66	72	74	81	85	84	80	65	54*	53*	69*
77	45	55	66	72	79*	85	85	83	83	67	63	54*	70*
78	44	49	59	70	77	84	82*	83	81*	70	66*	56*	68*
79	46*	54*	63*	73	77	83	83*	84*	79*	70	61*	55*	69*
80	57*	51*	63	69*	77*	83*	87	86*	85	67	63	57*	71*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: +06

PERIOD OF RECORD: 4909-4910,5208-5510,5602-9103
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	48*	57*	63*	73	75*	86	86*	82	78*	70	64*	55*	70*
82	52*	59	67	72	79*	84*	82*	84	80*	73*	66*	60*	72*
83	51	56*	60	67*	76	80	86*	85	78*	72	63*	57*	70*
84	51	56*	64	69*	76*	82	82	83	80*	77*	61	63	70*
89			67				85*		82*	71*	64*	50*	69*
90	61*	63	67	71	78	85	86*	87	84*	73*	67*	62*	74*
91	*	*	*										0*
MEAN	53.2	56.5	64.2	70.7	77.1	82.9	84.2	83.8	80.6	71.1	63.1	56.9	70.9
TOTAL OBS	381	357	456	417	414	423	447	443	439	478	424	380	5059

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	46.4	13.371	9	0	2	0	0	0	9
03-05	39.8	6.185	4	0	0	0	0	0	4
06-08	42.8	10.746	55	0	7	0	0	0	55
09-11	51.9	10.764	689	0	24	93	0	0	689
12-14	58.3	10.147	746	0	10	226	0	0	746
15-17	57.6	9.235	724	0	7	179	0	0	724
18-20	50.8	8.987	637	0	14	32	0	0	637
21-23	47.0	9.314	373	0	9	6	0	0	373
ALL HOURS	53.7	10.657	3237	0	73	536	0	0	3237

MONTH: FEB

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	51.8	9.537	5	0	0	0	0	0	5
03-05	52.2	5.037	6	0	0	0	0	0	6
06-08	50.4	9.928	59	0	2	5	0	0	59
09-11	57.2	10.143	668	0	9	182	0	0	668
12-14	62.9	9.155	700	0	0	347	6	0	700
15-17	62.2	8.706	667	0	0	299	1	0	667
18-20	55.6	8.578	585	0	3	97	0	0	585
21-23	50.5	9.312	315	0	8	17	0	0	315
ALL HOURS	58.5	10.150	3005	0	22	947	7	0	3005

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	54.0	4.219	11	0	0	0	0	0	11
03-05	54.8	5.094	9	0	0	0	0	0	9
06-08	59.6	7.174	76	0	0	19	0	0	76
09-11	64.2	9.258	742	0	0	422	6	0	742
12-14	69.6	8.996	780	0	0	595	74	0	780
15-17	68.8	8.284	773	0	0	581	47	0	773
18-20	61.6	7.700	679	0	0	290	0	0	679
21-23	56.5	7.967	395	0	0	70	0	0	395
ALL HOURS	64.9	9.543	3465	0	0	1977	127	0	3465

MONTH: APR

00-02	59.4	7.112	36	0	0	10	0	0	36
03-05	61.8	7.829	12	0	0	6	0	0	12
06-08	64.4	7.141	184	0	0	102	0	0	184
09-11	70.8	7.503	723	0	0	578	72	0	723
12-14	76.2	7.193	772	0	0	727	273	2	772
15-17	74.7	6.696	772	0	0	722	188	0	772
18-20	67.6	6.290	654	0	0	479	11	0	654
21-23	62.1	6.690	349	0	0	144	0	0	349
ALL HOURS	70.9	8.464	3502	0	0	2768	544	2	3502

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	67.7	4.469	17	0	0	13	0	0	17
03-05	67.3	5.130	21	0	0	15	0	0	21
06-08	71.5	5.318	288	0	0	258	12	0	288
09-11	78.0	5.302	726	0	0	715	309	0	726
12-14	81.8	5.524	771	0	0	770	535	6	771
15-17	80.5	4.896	720	0	0	718	431	5	720
18-20	74.1	4.578	639	0	0	627	69	0	639
21-23	69.7	4.393	274	0	0	237	1	0	274
ALL HOURS	77.3	6.526	3456	0	0	3353	1357	11	3456

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	75.5	5.577	4	0	0	4	0	0	4
03-05	71.0	2.204	8	0	0	8	0	0	8
06-08	78.4	4.129	304	0	0	304	142	0	304
09-11	84.2	4.894	743	0	0	743	629	26	743
12-14	87.2	6.061	767	0	0	766	662	127	767
15-17	85.1	5.844	721	0	0	721	592	68	721
18-20	79.8	4.168	643	0	0	643	356	1	643
21-23	76.1	3.016	255	0	0	255	26	0	255
ALL HOURS	83.1	6.271	3445	0	0	3444	2407	222	3445

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	77.3	1.637	14	0	0	14	0	0	14
03-05	74.4	2.339	27	0	0	27	0	0	27
06-08	80.0	3.360	302	0	0	302	183	0	302
09-11	85.8	4.482	709	0	0	709	651	34	709
12-14	88.5	6.222	724	0	0	724	646	203	724
15-17	86.3	6.335	695	0	0	695	565	118	695
18-20	81.3	4.420	619	0	0	619	396	4	619
21-23	78.1	2.783	235	0	0	235	86	0	235
ALL HOURS	84.4	6.160	3325	0	0	3325	2527	359	3325

MONTH: AUG

00-02	76.8	1.183	10	0	0	10	0	0	10
03-05	73.7	2.138	7	0	0	7	0	0	7
06-08	78.7	3.576	323	0	0	323	139	0	323
09-11	85.3	4.544	759	0	0	759	669	22	759
12-14	88.1	6.159	798	0	0	798	696	206	798
15-17	85.8	5.555	754	0	0	754	640	79	754
18-20	80.9	3.914	653	0	0	653	429	3	653
21-23	78.1	2.495	226	0	0	226	73	0	226
ALL HOURS	84.1	6.007	3530	0	0	3530	2646	310	3530

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	73.8	1.941	6	0	0	6	0	0	6
03-05	68.4	6.260	14	0	0	12	0	0	14
06-08	73.7	6.291	277	0	0	248	48	0	277
09-11	81.4	5.935	695	0	0	686	475	1	695
12-14	85.7	6.159	703	0	0	701	594	76	703
15-17	84.0	5.885	669	0	0	665	527	34	669
18-20	77.3	5.112	538	0	0	525	185	0	538
21-23	72.9	6.050	202	0	0	171	8	0	202
ALL HOURS	80.9	7.283	3104	0	0	3014	1837	111	3104

MONTH: OCT

00-02	61.5	7.664	62	0	0	33	0	0	62
03-05	59.6	7.721	65	0	0	21	0	0	65
06-08	64.8	8.511	285	0	0	159	5	0	285
09-11	73.0	7.910	764	0	0	647	183	0	764
12-14	78.5	7.114	800	0	0	780	383	1	800
15-17	76.7	6.824	775	0	0	744	294	0	775
18-20	68.2	7.464	691	0	0	480	13	0	691
21-23	64.3	8.146	325	0	0	181	0	0	325
ALL HOURS	72.3	9.287	3767	0	0	3045	878	1	3767

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	57.0	8.922	41	0	0	7	0	0	41
03-05	62.0	4.000	22	0	0	6	0	0	22
06-08	59.9	7.981	79	0	0	25	0	0	79
09-11	65.9	8.703	658	0	0	398	8	0	658
12-14	71.3	7.621	700	0	0	558	93	0	700
15-17	68.9	7.425	691	0	0	503	33	0	691
18-20	61.6	8.347	635	0	0	268	0	0	635
21-23	57.7	9.393	380	0	0	121	0	0	380
ALL HOURS	65.6	9.394	3206	0	0	1886	134	0	3206

MONTH: DEC

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	53.8	7.538	15	0	0	1	0	0	15
03-05	54.0	9.566	9	0	0	1	0	0	9
06-08	48.2	12.985	73	0	8	9	0	0	73
09-11	56.3	10.819	694	0	11	179	0	0	694
12-14	62.2	9.571	709	0	3	334	0	0	709
15-17	60.4	9.226	674	0	3	260	0	0	674
18-20	54.5	9.176	578	0	3	85	0	0	578
21-23	51.3	9.906	313	0	10	29	0	0	313
ALL HOURS	57.5	10.590	3065	0	38	898	0	0	3065

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	61.4	10.424	230	0	2	98	0	0	230
03-05	63.2	9.386	204	0	0	103	0	0	204
06-08	70.6	11.457	2305	0	17	1754	529	0	2305
09-11	71.5	13.905	8570	0	44	6111	3002	83	8570
12-14	76.0	12.849	8970	0	13	7326	3962	621	8970
15-17	74.3	12.292	8635	0	10	6841	3318	304	8635
18-20	67.8	12.440	7551	0	20	4798	1459	8	7551
21-23	61.9	12.817	3642	0	27	1692	194	0	3642
ALL HOURS	71.4	13.476	40107	0	133	28723	12464	1016	40107

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	43.2	13.279	9	2	2	0	0	0	9
03-05	38.0	6.683	4	0	0	0	0	0	4
06-08	41.3	9.615	52	11	13	0	0	0	52
09-11	47.0	10.983	688	58	273	26	0	0	688
12-14	50.6	9.868	745	21	385	51	0	0	745
15-17	50.4	9.395	723	17	380	38	0	0	723
18-20	46.6	9.771	636	30	240	13	0	0	636
21-23	43.7	10.019	373	38	106	2	0	0	373
ALL HOURS	48.0	10.354	3230	177	1399	130	0	0	3230

MONTH: FEB

00-02	49.8	9.947	5	1	4	0	0	0	5
03-05	51.2	5.037	6	0	5	0	0	0	6
06-08	47.6	10.484	59	5	27	0	0	0	59
09-11	51.8	10.523	668	26	411	54	0	0	668
12-14	54.7	9.249	700	7	502	73	1	0	700
15-17	54.2	8.835	667	2	472	49	0	0	667
18-20	50.6	9.583	585	21	342	17	0	0	585
21-23	46.8	10.310	315	30	140	4	0	0	315
ALL HOURS	52.2	9.950	3005	92	1903	197	1	0	3005

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	49.6	5.182	11	0	7	0	0	0	11
03-05	52.2	5.826	9	0	5	0	0	0	9
06-08	56.9	7.641	76	0	64	7	0	0	76
09-11	57.0	9.240	742	0	572	118	4	0	742
12-14	59.1	8.326	779	0	672	165	13	0	779
15-17	58.8	7.875	770	0	670	143	3	0	770
18-20	55.8	8.281	676	1	519	53	0	0	676
21-23	52.7	8.611	393	4	257	12	0	0	393
ALL HOURS	57.1	8.692	3456	5	2766	498	20	0	3456

MONTH: APR

00-02	57.1	8.177	36	0	27	3	0	0	36
03-05	61.5	5.067	11	0	11	2	0	0	11
06-08	59.8	8.082	184	0	157	45	4	0	184
09-11	61.2	7.632	723	0	669	229	18	0	723
12-14	63.4	6.820	772	0	751	326	45	0	772
15-17	62.9	6.666	771	0	748	282	41	0	771
18-20	60.5	6.933	653	0	612	141	6	0	653
21-23	57.9	7.703	349	0	289	48	1	0	349
ALL HOURS	61.5	7.329	3499	0	3264	1076	115	0	3499

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	66.5	4.605	17	0	17	11	1	0	17
03-05	66.0	5.495	21	0	21	10	4	0	21
06-08	66.3	5.917	287	0	286	148	45	0	287
09-11	68.2	5.312	726	0	725	491	167	0	726
12-14	69.3	4.702	771	0	771	565	224	0	771
15-17	69.1	4.675	720	0	720	522	195	1	720
18-20	67.1	4.983	639	0	639	384	89	0	639
21-23	65.7	5.471	274	0	273	142	22	0	274
ALL HOURS	68.1	5.262	3455	0	3452	2273	747	1	3455

MONTH: JUN

00-02	75.3	.289	4	0	4	4	4	0	4
03-05	68.6	3.980	8	0	8	6	1	0	8
06-08	73.2	3.980	304	0	304	283	188	7	304
09-11	74.3	3.585	743	0	743	716	551	20	743
12-14	75.0	3.520	767	0	767	750	599	61	767
15-17	74.6	3.101	721	0	721	709	567	18	721
18-20	73.4	3.081	643	0	643	615	432	3	643
21-23	72.4	3.210	255	0	255	241	138	1	255
ALL HOURS	74.1	3.483	3445	0	3445	3324	2480	110	3445

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F	TOTAL HOURS
				LE 32 GE 50 GE 67 GE 73 GE 80	
00-02	72.9	1.141	14	0 14 14 8 0	14
03-05	70.7	1.776	27	0 27 26 3 0	27
06-08	74.9	2.392	302	0 302 301 244 1	302
09-11	76.2	2.204	709	0 709 708 660 28	709
12-14	76.6	2.416	724	0 724 724 684 76	724
15-17	76.1	2.334	694	0 694 694 630 45	694
18-20	75.0	2.360	619	0 619 619 524 10	619
21-23	74.1	2.177	235	0 235 235 183 2	235
ALL HOURS	75.7	2.477	3324	0 3324 3321 2936 162	3324

MONTH: AUG

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F	TOTAL HOURS
				LE 32 GE 50 GE 67 GE 73 GE 80	
00-02	75.3	1.316	10	0 10 10 10 0	10
03-05	72.9	2.268	7	0 7 7 5 0	7
06-08	74.6	2.636	323	0 323 319 256 6	323
09-11	76.2	2.391	757	0 757 757 700 44	757
12-14	76.7	2.433	797	0 797 797 745 93	797
15-17	76.3	2.220	754	0 754 752 719 60	754
18-20	75.2	2.103	653	0 653 651 573 4	653
21-23	74.3	2.350	226	0 226 224 177 0	226
ALL HOURS	75.9	2.474	3527	0 3527 3517 3185 207	3527

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246 STATION NAME: DUKE FLP/EGLIN AUX FL PERIOD OF RECORD: APR 81 - MAR 91
LST TO UTC: + 6 MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	71.7	.577	6	0	6	6	0	0	6
03-05	67.2	6.687	14	0	13	10	1	0	14
06-08	69.2	6.523	276	0	275	188	114	2	276
09-11	72.1	5.500	690	0	690	583	416	5	690
12-14	73.3	4.930	697	0	697	617	460	16	697
15-17	72.8	5.000	663	0	663	581	428	21	663
18-20	70.8	5.490	532	0	532	430	275	0	532
21-23	68.6	6.675	199	0	199	141	84	0	199
ALL HOURS	71.8	5.634	3077	0	3075	2556	1778	44	3077

MONTH: OCT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	59.2	7.831	61	0	50	10	2	0	61
03-05	57.7	7.758	65	0	52	9	0	0	65
06-08	60.9	9.122	285	0	245	94	29	0	285
09-11	64.4	8.472	764	0	721	364	168	0	764
12-14	66.3	7.555	799	0	783	437	211	3	799
15-17	65.7	7.443	775	0	758	400	166	3	775
18-20	62.3	8.548	691	0	641	262	78	0	691
21-23	60.7	9.066	321	0	273	100	29	0	321
ALL HOURS	63.9	8.460	3761	0	3523	1676	683	6	3761

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	53.9	8.636	41	0	28	0	0	0	41
03-05	60.0	4.645	22	0	21	1	0	0	22
06-08	57.3	8.977	79	0	57	13	0	0	79
09-11	59.3	9.502	658	0	517	196	16	0	658
12-14	61.7	8.493	700	0	618	269	46	0	700
15-17	60.6	8.691	691	0	594	225	27	0	691
18-20	57.3	9.547	635	0	482	143	7	0	635
21-23	54.5	10.202	380	0	249	58	2	0	380
ALL HOURS	59.0	9.475	3206	0	2566	905	98	0	3206

MONTH: DEC

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	51.1	8.867	15	0	8	1	0	0	15
03-05	53.0	9.843	9	0	4	1	0	0	9
06-08	46.3	13.479	73	10	30	5	0	0	73
09-11	51.2	11.259	694	32	382	56	6	0	694
12-14	54.5	9.814	709	10	457	78	7	0	709
15-17	53.7	9.626	673	10	413	59	1	0	673
18-20	50.6	9.968	578	16	304	32	1	0	578
21-23	48.2	10.586	311	18	135	16	1	0	311
ALL HOURS	52.0	10.552	3062	96	1733	248	16	0	3062

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246 STATION NAME: DUKE FLD/EGLIN AUX FL PERIOD OF RECORD: APR 81 - MAR 91
LST TO UTC: + 6 MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	58.8	10.834	229	3	177	59	25	0	229
03-05	61.3	9.200	203	0	174	72	14	0	203
06-08	66.3	10.928	2300	26	2083	1403	880	16	2300
09-11	63.5	12.563	8562	116	7169	4298	2706	97	8562
12-14	65.2	11.264	8960	38	7924	4852	3035	249	8960
15-17	64.7	11.150	8622	29	7587	4454	2777	148	8622
18-20	62.1	12.119	7540	68	6226	3360	1985	17	7540
21-23	58.2	13.072	3631	90	2637	1223	637	3	3631
ALL HOURS	63.5	12.018	40047	370	33977	19721	12059	530	40047

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	39.3	14.714	9	2	4	7	0	9
03-05	36.0	7.348	4	0	1	4	0	4
06-08	37.6	11.370	52	12	27	49	0	52
09-11	41.1	14.673	688	115	421	558	31	688
12-14	42.2	14.374	745	129	483	583	43	745
15-17	42.4	14.049	723	111	473	560	34	723
18-20	41.5	13.225	636	92	398	520	16	636
21-23	39.4	12.816	373	73	208	322	3	373
ALL HOURS	41.4	13.971	3230	534	2015	2603	127	3230

MONTH: FEB

00-02	48.0	11.225	5	0	4	5	0	700
03-05	50.2	5.654	6	0	6	6	0	700
06-08	44.6	12.276	59	8	41	46	2	700
09-11	46.2	14.007	668	81	502	481	63	700
12-14	46.8	13.581	700	77	543	502	67	700
15-17	46.6	13.127	667	68	509	477	47	700
18-20	45.3	13.276	585	68	418	436	30	700
21-23	42.5	13.329	315	47	204	253	7	700
ALL HOURS	45.8	13.524	3005	349	2227	2206	216	3005

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	45.0	8.456	11	0	8	10	0	11
03-05	49.9	6.707	9	0	9	7	0	9
06-08	54.7	9.236	76	1	72	43	11	76
09-11	50.8	12.663	742	40	629	430	97	742
12-14	50.6	12.438	779	37	660	461	100	779
15-17	50.6	12.243	770	29	656	459	101	770
18-20	50.7	11.438	676	22	591	413	71	676
21-23	48.9	10.903	393	13	337	273	19	393
ALL HOURS	50.5	12.041	3456	142	2962	2096	399	3456

MONTH: APR

00-02	55.3	9.793	36	0	35	15	4	772
03-05	59.9	5.291	11	0	11	3	3	772
06-08	56.4	10.360	184	0	173	75	47	772
09-11	54.0	11.239	723	6	656	334	140	772
12-14	54.3	10.925	772	5	720	371	155	772
15-17	54.4	10.691	771	3	728	370	149	772
18-20	55.2	10.014	653	0	628	284	116	772
21-23	54.6	9.914	349	0	335	162	58	772
ALL HOURS	54.6	10.656	3499	14	3286	1614	672	3499

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN-AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	65.8	5.166	17	0	17	0	13	17
03-05	65.3	5.972	21	0	21	1	10	21
06-08	63.1	7.676	287	0	287	52	145	287
09-11	62.4	8.095	726	0	726	150	344	726
12-14	62.2	7.976	771	0	771	165	369	771
15-17	62.5	8.307	720	0	718	149	358	720
18-20	62.9	7.788	639	0	639	121	337	639
21-23	63.2	7.351	274	0	274	45	149	274
ALL HOURS	62.6	7.975	3455	0	3453	683	1725	3455

MONTH: JUN

00-02	75.3	5.289	4	0	4	0	4	767
03-05	67.1	5.963	8	0	8	0	6	767
06-08	70.9	4.915	304	0	304	3	275	767
09-11	69.7	5.379	743	0	743	13	624	767
12-14	69.5	5.846	767	0	767	26	633	767
15-17	69.8	5.310	721	0	721	18	619	767
18-20	70.4	4.637	643	0	643	11	580	767
21-23	70.6	4.071	255	0	255	1	231	767
ALL HOURS	70.0	5.281	3445	0	3445	72	2972	3445

E - 5 - 3 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	70.9	1.027	14	0	14	0	14	14
03-05	68.9	1.869	27	0	27	0	25	27
06-08	72.8	2.783	302	0	302	0	299	302
09-11	72.3	3.023	709	0	709	0	690	709
12-14	71.8	3.379	724	0	724	1	698	724
15-17	71.8	3.446	694	0	694	0	669	694
18-20	72.4	3.068	619	0	619	0	605	619
21-23	72.4	2.560	235	0	235	0	233	235
ALL HOURS	72.1	3.237	3324	0	3324	1	3233	3324

MONTH: AUG

00-02	74.9	.587	10	0	10	0	10	797
03-05	72.9	2.268	7	0	7	0	7	797
06-08	72.9	2.988	323	0	323	0	320	797
09-11	72.6	2.947	757	0	757	0	749	797
12-14	72.1	3.359	797	0	797	0	770	797
15-17	72.5	3.288	754	0	754	0	734	797
18-20	72.8	2.770	653	0	653	0	644	797
21-23	72.7	2.889	226	0	226	0	221	797
ALL HOURS	72.5	3.167	3527	0	3527	0	3455	3527

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	70.8	.408	6	0	6	0	6	6
03-05	66.6	7.235	14	0	14	1	10	14
06-08	66.9	7.563	276	0	276	29	184	276
09-11	67.5	7.375	690	0	690	57	498	690
12-14	67.3	7.457	697	0	697	63	501	697
15-17	67.2	7.690	663	0	663	69	472	663
18-20	67.6	7.349	532	0	532	43	385	532
21-23	66.4	7.908	199	0	199	27	136	199
ALL HOURS	67.3	7.532	3077	0	3077	289	2192	3077

MONTH: OCT

00-02	57.5	8.521	61	0	61	26	14	799
03-05	56.4	8.298	65	0	65	30	11	799
06-08	58.1	10.843	285	0	278	110	96	799
09-11	58.6	11.615	764	0	728	268	302	799
12-14	58.3	11.646	799	1	756	302	302	799
15-17	58.3	11.777	775	6	728	284	278	799
18-20	58.1	11.317	691	6	663	266	236	799
21-23	57.9	10.938	321	0	311	123	103	799
ALL HOURS	58.2	11.410	3761	13	3590	1409	1342	3761

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	51.4	9.374	41	0	37	19	0	41
03-05	58.6	5.351	22	0	22	5	3	22
06-08	55.1	10.618	79	0	75	32	17	79
09-11	54.0	12.683	658	13	585	298	177	658
12-14	54.4	12.821	700	12	611	317	199	700
15-17	53.8	13.226	691	18	604	314	193	691
18-20	53.5	12.162	635	10	580	322	155	635
21-23	51.5	12.304	380	10	330	221	67	380
ALL HOURS	53.7	12.616	3206	63	2844	1528	811	3206

MONTH: DEC

00-02	48.3	11.137	15	0	12	11	1	709
03-05	52.0	10.677	9	0	9	5	1	709
06-08	43.8	15.415	73	9	48	55	8	709
09-11	45.7	14.428	694	77	481	470	59	709
12-14	47.2	13.796	709	54	541	455	67	709
15-17	47.2	13.283	673	48	513	432	55	709
18-20	46.6	12.547	578	39	449	398	37	709
21-23	44.6	12.901	311	26	234	237	19	709
ALL HOURS	46.4	13.578	3062	253	2287	2063	247	3062

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	56.8	12.103	229	2	212	93	66	229
03-05	60.0	9.683	203	0	200	62	76	203
06-08	63.9	12.055	2300	30	2206	494	1404	2300
09-11	58.1	14.920	8562	332	7627	3059	3774	8562
12-14	58.2	14.488	8960	315	8070	3246	3904	8960
15-17	58.1	14.460	8622	283	7761	3132	3709	8622
18-20	58.1	14.416	7540	237	6813	2814	3212	7540
21-23	55.2	15.081	3631	169	3148	1664	1246	3631
ALL HOURS	58.2	14.548	40047	1368	36037	14564	17391	40047

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN

HOURS	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	100.0	77.8	66.7	55.6	22.2	76.8	9
03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	25.0	86.3	4
06-08	100.0	100.0	100.0	100.0	92.3	84.6	76.9	53.8	30.8	78.6	52
09-11	100.0	99.9	97.1	89.5	81.0	66.0	51.3	34.9	19.8	68.6	688
12-14	100.0	99.2	89.4	76.9	59.5	44.0	32.2	21.7	13.7	58.2	745
15-17	100.0	99.2	90.5	80.2	63.6	48.0	36.8	26.0	15.2	60.5	723
18-20	100.0	100.0	98.9	94.5	87.6	75.2	56.8	38.1	23.1	71.8	636
21-23	100.0	100.0	99.5	97.1	92.2	83.1	67.6	44.8	27.6	75.7	373
ALL HOURS	100.0	99.6	94.5	86.6	75.0	61.1	47.1	32.1	19.1	66.0	3230

MONTH: FEB

HOURS	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	60.0	60.0	87.0	5
03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	83.3	93.0	6
06-08	100.0	100.0	100.0	100.0	100.0	91.5	81.4	57.6	33.9	80.8	59
09-11	100.0	99.9	97.3	91.3	81.9	68.4	50.7	34.6	21.1	68.9	668
12-14	100.0	99.7	91.7	80.4	62.6	45.4	31.9	21.1	11.1	58.7	700
15-17	100.0	99.4	92.8	79.2	61.9	48.3	34.9	23.1	12.4	60.0	667
18-20	100.0	99.8	97.9	93.7	83.9	69.7	54.0	37.6	21.2	70.1	585
21-23	100.0	100.0	99.4	97.5	89.5	78.7	65.4	47.9	25.7	74.9	315
ALL HOURS	100.0	99.7	95.4	87.4	74.6	60.5	45.8	31.5	17.8	65.7	3005

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	81.8	72.7	63.6	45.5	36.4	73.4	11
03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	77.8	22.2	83.7	9
06-08	100.0	100.0	100.0	100.0	96.1	96.1	89.5	71.1	48.7	84.5	76
09-11	100.0	99.7	96.6	88.5	76.1	59.6	40.4	24.4	11.5	64.2	742
12-14	100.0	99.4	89.2	73.2	55.1	37.2	21.7	14.0	8.9	54.3	779
15-17	100.0	99.1	89.5	74.2	58.7	39.2	27.7	16.5	9.1	55.9	770
18-20	100.0	100.0	98.8	92.6	83.6	70.3	53.1	37.4	17.6	69.6	676
21-23	100.0	100.0	100.0	99.0	94.1	85.0	70.5	49.4	27.7	76.6	393
ALL HOURS	100.0	99.6	94.3	84.2	71.5	55.9	40.6	26.9	14.3	63.1	3456

MONTH: APR

00-02	100.0	100.0	100.0	100.0	100.0	100.0	91.7	75.0	58.3	86.8	36
03-05	100.0	100.0	100.0	100.0	100.0	100.0	90.9	90.9	54.5	88.6	11
06-08	100.0	100.0	100.0	98.9	94.6	83.7	70.1	47.8	27.2	76.6	184
09-11	100.0	99.7	96.0	83.4	63.5	45.9	27.2	12.6	6.2	57.9	723
12-14	100.0	99.4	88.1	64.2	43.4	27.8	13.1	7.6	4.3	49.5	772
15-17	100.0	99.6	91.6	69.5	50.8	34.0	17.5	8.7	5.2	52.1	771
18-20	100.0	100.0	98.8	92.2	81.2	63.2	46.7	29.7	13.6	66.6	653
21-23	100.0	100.0	100.0	98.6	95.7	87.4	71.3	52.4	33.0	77.6	349
ALL HOURS	100.0	99.7	94.5	80.3	64.9	49.4	33.1	20.5	11.4	59.7	3499

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	82.4	93.5	17
03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	81.0	93.4	21
06-08	100.0	100.0	100.0	99.7	95.5	87.5	67.6	43.9	20.9	76.1	287
09-11	100.0	100.0	99.4	90.2	74.2	52.9	29.1	11.0	5.4	60.7	726
12-14	100.0	100.0	96.8	77.6	56.4	34.5	17.4	8.9	5.3	54.2	771
15-17	100.0	100.0	95.4	81.5	61.8	46.0	26.4	10.3	3.3	57.1	720
18-20	100.0	100.0	99.7	94.7	85.1	72.8	57.1	34.3	13.6	70.2	639
21-23	100.0	100.0	100.0	100.0	98.2	90.1	78.5	59.5	35.0	80.9	274
ALL HOURS	100.0	100.0	98.1	88.1	73.6	57.4	39.0	22.3	10.9	63.5	3455

MONTH: JUN

00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.3	4
03-05	100.0	100.0	100.0	100.0	100.0	100.0	75.0	75.0	75.0	88.9	8
06-08	100.0	100.0	100.0	100.0	99.3	95.4	80.9	43.4	19.4	78.5	304
09-11	100.0	100.0	99.9	95.7	84.4	58.5	30.7	13.2	6.7	63.5	743
12-14	100.0	100.0	97.9	88.0	66.0	42.6	23.3	12.9	8.3	58.3	767
15-17	100.0	99.9	96.9	91.8	75.7	55.3	35.1	16.6	8.7	62.7	721
18-20	100.0	100.0	99.8	99.1	94.1	85.2	70.6	35.3	13.2	74.5	643
21-23	100.0	100.0	100.0	100.0	99.6	97.6	91.4	67.8	33.7	83.4	255
ALL HOURS	100.0	100.0	98.8	94.5	82.8	65.6	46.5	24.9	12.1	67.1	3445

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	57.1		80.7	14
03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	74.1	11.1	83.3	27
06-08	100.0	100.0	100.0	100.0	100.0	99.7	90.4	38.4	12.9	79.2	302
09-11	100.0	100.0	100.0	99.4	93.7	68.0	33.1	10.7	4.4	65.4	709
12-14	100.0	100.0	100.0	95.3	72.0	40.9	25.3	12.7	7.3	59.8	724
15-17	100.0	100.0	100.0	96.1	80.4	57.3	36.9	18.3	8.6	64.3	694
18-20	100.0	100.0	100.0	99.8	97.3	89.0	70.3	36.5	16.3	75.7	619
21-23	100.0	100.0	100.0	100.0	100.0	100.0	94.0	60.4	26.8	82.9	235
ALL HOURS	100.0	100.0	100.0	98.0	87.9	69.3	49.5	24.3	10.5	68.6	3324

MONTH: AUG

00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	90.0	94.0	10
03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.9	7
06-08	100.0	100.0	100.0	100.0	100.0	99.4	92.6	58.2	25.7	82.8	323
09-11	100.0	100.0	100.0	99.9	95.8	75.0	39.4	11.2	4.5	66.8	757
12-14	100.0	100.0	100.0	96.1	74.8	45.0	26.3	14.3	6.6	61.2	797
15-17	100.0	100.0	100.0	98.0	86.1	65.5	42.0	20.6	6.9	66.3	754
18-20	100.0	100.0	100.0	100.0	98.9	93.0	80.1	38.4	15.3	77.3	653
21-23	100.0	100.0	100.0	100.0	100.0	99.6	93.8	69.5	27.0	83.8	226
ALL HOURS	100.0	100.0	100.0	98.7	90.2	73.5	53.2	27.4	11.3	70.1	3527

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP

HOURS LST	10%	20%	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO							90%	MEAN	TOTAL OBS
	30%	40%	50%	60%	70%	80%						
00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	50.0	91.0	6
03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	85.7	93.8	14
06-08	100.0	100.0	100.0	100.0	99.3	96.4	83.3	54.0	18.5	79.9		276
09-11	100.0	100.0	100.0	96.7	87.2	63.0	35.2	10.9	4.6	64.2		690
12-14	100.0	100.0	98.4	90.0	62.0	33.9	19.2	9.8	5.9	56.4		697
15-17	100.0	100.0	98.5	89.7	66.2	43.7	29.1	13.6	6.9	59.3		663
18-20	100.0	100.0	100.0	99.4	94.5	82.3	62.2	31.6	13.0	73.3		532
21-23	100.0	100.0	100.0	100.0	100.0	97.0	85.9	53.3	22.6	80.7		199
ALL HOURS	100.0	100.0	99.3	94.7	80.2	61.0	43.0	22.0	9.7	65.6		3077

MONTH: OCT

00-02	100.0	100.0	100.0	100.0	100.0	100.0	98.4	80.3	49.2	86.5		61
03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	90.8	66.2	89.0		65
06-08	100.0	100.0	100.0	100.0	98.6	90.9	77.2	56.8	29.5	79.7		285
09-11	100.0	100.0	98.8	90.8	77.0	56.3	34.3	16.8	6.9	62.6		764
12-14	100.0	99.9	92.9	74.8	52.8	31.5	15.3	8.6	5.0	52.5		799
15-17	100.0	99.4	91.9	78.8	59.6	40.6	23.9	13.0	7.9	56.1		775
18-20	100.0	100.0	99.4	97.1	88.9	76.1	58.0	35.0	13.9	71.5		691
21-23	100.0	100.0	100.0	99.7	97.8	92.5	80.1	61.1	30.2	80.3		321
ALL HOURS	100.0	99.8	96.5	87.9	74.6	58.6	41.8	26.7	13.4	64.4		3761

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	100.0	100.0	92.7	70.7	31.7	81.8	41
03-05	100.0	100.0	100.0	100.0	100.0	100.0	95.5	90.9	68.2	88.6	22
06-08	100.0	100.0	100.0	100.0	100.0	97.5	81.0	70.9	53.2	84.5	79
09-11	100.0	100.0	99.4	94.2	83.1	67.3	46.8	26.4	11.7	67.3	658
12-14	100.0	99.7	94.3	81.3	63.1	46.6	28.6	11.9	5.7	57.7	700
15-17	100.0	99.1	95.7	84.1	67.6	53.7	39.2	21.0	10.6	61.5	691
18-20	100.0	100.0	99.8	98.6	93.4	83.8	69.0	47.9	26.8	76.0	635
21-23	100.0	100.0	99.7	98.9	96.8	90.8	82.4	61.6	31.8	80.4	380
ALL HOURS	100.0	99.8	97.6	90.9	79.8	67.3	51.6	32.6	17.2	68.0	3206

MONTH: DEC

HOURS LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	100.0	100.0	86.7	80.0	66.7	40.0	82.3	15
03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	88.9	77.8	93.1	9
06-08	100.0	100.0	100.0	100.0	97.3	95.9	86.3	68.5	45.2	84.6	73
09-11	100.0	100.0	99.0	94.2	81.3	67.9	52.3	35.2	20.6	69.4	694
12-14	100.0	99.6	95.3	82.2	65.9	50.4	36.4	23.4	10.2	60.8	709
15-17	100.0	99.9	98.2	85.7	72.7	57.7	41.0	28.8	15.8	64.3	673
18-20	100.0	100.0	100.0	98.4	92.7	82.2	67.0	46.4	26.5	75.6	578
21-23	100.0	100.0	100.0	99.4	95.8	88.4	76.8	52.4	28.6	78.5	311
ALL HOURS	100.0	99.9	98.3	91.1	80.0	67.2	52.5	36.0	19.9	68.9	3062

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	100.0	100.0	99.1	96.9	92.6	75.5	47.6	85.3	229
03-05	100.0	100.0	100.0	100.0	100.0	100.0	98.0	89.7	61.1	89.2	203
06-08	100.0	100.0	100.0	99.9	98.3	93.9	81.5	51.4	25.0	79.7	2300
09-11	100.0	99.9	98.6	92.8	81.6	62.3	39.0	19.9	10.1	64.9	8562
12-14	100.0	99.7	94.5	81.6	61.0	39.8	24.0	13.8	7.7	56.7	8960
15-17	100.0	99.6	95.0	83.9	66.9	48.9	32.3	17.9	9.1	59.9	8622
18-20	100.0	100.0	99.4	96.6	90.0	78.5	62.0	37.3	17.8	72.6	7540
21-23	100.0	100.0	99.9	99.0	96.2	89.9	78.4	55.9	29.4	79.2	3631
ALL HOURS	100.0	99.8	97.3	90.1	77.9	62.1	45.2	27.1	13.9	65.8	40047

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	FFFFFFFFFF
PPPPPPPP	AAAAAAAA	RRRRRRRRRR	TTTTTTTTTT	FFFFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPP	AA AA	RRRRRRRRRR	TT	FFFFFF
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	FFFFFF
PP	AAAAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

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PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLIBARS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	1018.7	.0	1015.6	1018.3	1016.2	.0	.0	1015.3	1014.5	1024.6	1018.3	1020.4	1017.5
	SD	4.497	.000	3.050	.000	.650	.000	.000	.340	.000	.000	2.400	.000	3.457
	TOT OBS	3	0	2	1	2	0	0	3	1	1	2	1	16
0300	MEAN	.0	1009.6	1017.8	1012.3	1018.2	.0	1018.7	.0	1014.9	1024.3	1022.3	1018.3	1017.5
	SD	.000	9.200	.000	.000	1.350	.000	.600	.000	.000	.000	.000	.000	5.900
	TOT OBS	0	2	1	1	2	0	2	0	1	2	1	1	13
0600	MEAN	.0	1025.4	1014.8	1011.7	.0	1019.3	1015.0	1018.8	1017.2	1022.4	1019.5	1027.3	1019.5
	SD	.000	3.500	3.360	.000	.000	.000	1.850	.000	.471	4.525	4.115	2.205	5.464
	TOT OBS	0	2	4	1	0	1	2	1	3	3	3	3	23
0900	MEAN	1023.2	1022.7	1019.2	1017.6	1017.6	1017.4	1018.9	1017.3	1017.5	1020.8	1020.9	1022.5	1019.7
	SD	5.424	6.077	6.047	4.834	2.743	3.422	2.642	2.475	2.641	4.377	5.042	5.325	5.032
	TOT OBS	109	109	118	94	95	102	93	103	93	120	103	112	1251
1200	MEAN	1021.7	1022.1	1018.3	1016.6	1016.8	1016.5	1018.3	1016.4	1016.4	1019.4	1019.3	1021.2	1018.7
	SD	5.344	5.822	5.890	4.539	2.809	3.391	2.611	2.412	2.771	4.152	5.084	5.170	4.891
	TOT OBS	124	116	126	101	101	107	98	109	100	127	111	118	1338
1500	MEAN	1020.0	1019.9	1016.7	1014.9	1015.4	1015.3	1017.0	1014.9	1014.8	1018.0	1017.9	1019.7	1017.1
	SD	5.258	6.062	5.669	4.545	2.718	3.254	2.607	2.343	2.622	3.979	5.302	5.053	4.824
	TOT OBS	122	116	131	109	98	100	94	106	99	129	115	114	1333
1800	MEAN	1020.9	1020.7	1017.3	1014.9	1015.5	1015.3	1017.0	1015.0	1015.2	1018.6	1018.9	1020.4	1017.6
	SD	5.305	5.684	5.523	4.433	2.684	3.272	2.445	2.396	2.501	3.972	5.025	5.047	4.855
	TOT OBS	113	106	119	96	90	97	88	102	85	119	113	108	1236
2100	MEAN	1022.5	1021.8	1019.1	1016.5	1017.0	1016.2	1018.5	1016.3	1016.4	1019.8	1019.8	1021.9	1019.0
	SD	5.116	6.075	5.465	4.099	2.543	3.209	2.220	2.312	2.246	3.710	5.130	4.680	4.775
	TOT OBS	86	77	89	67	76	79	67	73	48	93	88	68	911
ALL HOURS	MEAN	1021.6	1021.4	1018.0	1016.0	1016.4	1016.1	1017.9	1016.0	1016.0	1019.3	1019.3	1021.1	1018.4
	SD	5.420	6.088	5.802	4.640	2.833	3.413	2.655	2.561	2.777	4.191	5.201	5.193	4.976
	TOT OBS	557	528	590	470	464	486	444	497	430	594	536	525	6121

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	30.12	30.18	30.15	30.04	30.02	29.98	30.05	30.01	29.97	30.08	30.14	30.16	30.09
	SD	.131	.094	.210	.097	.083	.008	.043	.033	.000	.098	.122	.061	.122
	TOT OBS	4	4	8	22	9	4	4	6	2	20	19	11	113
0300	MEAN	30.24	29.82	30.06	29.85	30.06	.00	30.04	30.06	29.98	30.08	30.15	30.09	30.06
	SD	.000	.270	.000	.045	.040	.000	.046	.000	.016	.109	.077	.025	.125
	TOT OBS	1	2	1	2	3	0	8	1	3	21	6	2	50
0600	MEAN	30.24	30.11	30.01	30.08	30.04	30.01	30.05	30.05	30.04	30.10	30.14	30.23	30.07
	SD	.021	.160	.138	.129	.067	.073	.065	.059	.086	.108	.089	.118	.107
	TOT OBS	4	5	8	16	21	24	25	23	20	25	13	8	192
0900	MEAN	30.21	30.15	30.09	30.07	30.05	30.04	30.09	30.07	30.08	30.14	30.15	30.20	30.11
	SD	.156	.195	.199	.141	.093	.088	.074	.074	.087	.137	.144	.154	.145
	TOT OBS	221	215	237	232	239	246	235	250	228	253	213	223	2792
1200	MEAN	30.18	30.14	30.07	30.05	30.03	30.02	30.08	30.04	30.05	30.10	30.11	30.16	30.08
	SD	.152	.192	.196	.135	.092	.087	.074	.076	.085	.133	.146	.149	.141
	TOT OBS	246	233	255	254	255	260	243	267	242	264	229	238	2986
1500	MEAN	30.12	30.07	30.02	30.00	29.98	29.98	30.03	30.00	30.00	30.06	30.06	30.12	30.04
	SD	.149	.192	.189	.137	.090	.086	.073	.078	.081	.129	.148	.145	.139
	TOT OBS	245	226	261	266	245	247	238	260	233	265	236	229	2951
1800	MEAN	30.15	30.10	30.03	30.00	29.98	29.98	30.03	30.00	30.01	30.08	30.09	30.14	30.05
	SD	.148	.179	.183	.138	.090	.083	.068	.070	.080	.121	.139	.143	.139
	TOT OBS	229	211	239	235	222	228	219	236	200	243	224	210	2696
2100	MEAN	30.19	30.14	30.08	30.03	30.02	30.01	30.07	30.04	30.05	30.12	30.12	30.17	30.08
	SD	.142	.179	.193	.137	.091	.081	.068	.066	.077	.116	.143	.141	.139
	TOT OBS	175	156	189	188	186	173	176	164	137	198	177	152	2071
ALL HOURS	MEAN	30.17	30.12	30.06	30.03	30.01	30.01	30.06	30.03	30.04	30.10	30.10	30.16	30.07
	SD	.153	.191	.194	.140	.094	.088	.075	.078	.088	.130	.146	.149	.143
	TOT OBS	1125	1052	1198	1215	1180	1182	1148	1207	1065	1289	1117	1073	13851

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	29.91	29.96	29.94	29.82	29.81	29.77	29.84	29.80	29.76	29.87	29.92	29.95	29.87
	SD	.127	.090	.205	.094	.080	.008	.043	.033	.000	.095	.119	.057	.118
	TOT OBS	4	4	8	22	9	4	4	6	2	20	19	11	113
0300	MEAN	30.02	29.61	29.85	29.64	29.85	.00	29.83	29.85	29.77	29.87	29.94	29.88	29.85
	SD	.000	.270	.000	.045	.040	.000	.046	.000	.016	.106	.073	.025	.122
	TOT OBS	1	2	1	2	3	0	8	1	3	21	6	2	50
0600	MEAN	30.05	29.82	29.80	29.88	29.83	29.81	29.84	29.83	29.84	29.90	29.92	30.04	29.86
	SD	.063	.080	.128	.127	.069	.070	.064	.069	.075	.103	.086	.096	.104
	TOT OBS	5	4	9	15	23	23	25	23	20	24	14	7	192
0900	MEAN	29.98	29.94	29.87	29.86	29.84	29.83	29.88	29.86	29.87	29.92	29.94	30.00	29.90
	SD	.158	.187	.197	.139	.092	.084	.072	.072	.084	.133	.143	.146	.141
	TOT OBS	220	213	229	223	241	244	234	250	229	265	213	232	2793
1200	MEAN	29.96	29.92	29.85	29.83	29.81	29.81	29.86	29.83	29.84	29.88	29.89	29.94	29.87
	SD	.148	.188	.191	.132	.090	.086	.071	.074	.083	.131	.141	.145	.138
	TOT OBS	247	232	257	254	253	261	244	267	240	266	229	236	2986
1500	MEAN	29.91	29.86	29.80	29.79	29.77	29.77	29.82	29.79	29.79	29.84	29.85	29.90	29.82
	SD	.146	.188	.186	.135	.090	.085	.072	.077	.080	.126	.144	.141	.136
	TOT OBS	245	226	261	266	246	247	237	260	234	264	236	229	2951
1800	MEAN	29.93	29.88	29.82	29.79	29.77	29.77	29.82	29.79	29.80	29.86	29.88	29.93	29.84
	SD	.144	.175	.180	.136	.089	.082	.067	.070	.079	.118	.135	.139	.136
	TOT OBS	229	211	239	235	222	228	219	236	200	243	224	210	2696
2100	MEAN	29.97	29.93	29.86	29.82	29.81	29.80	29.86	29.83	29.84	29.90	29.90	29.96	29.87
	SD	.139	.176	.189	.134	.090	.080	.065	.065	.075	.112	.139	.137	.136
	TOT OBS	175	156	189	188	186	173	176	164	137	198	177	152	2071
ALL HOURS	MEAN	29.95	29.90	29.84	29.82	29.80	29.80	29.85	29.82	29.83	29.88	29.89	29.95	29.86
	SD	.150	.186	.190	.137	.093	.087	.073	.077	.086	.127	.143	.145	.139
	TOT OBS	1126	1048	1193	1205	1183	1180	1147	1207	1065	1301	1118	1079	13852

F - 4 - 1

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	GGGGGG
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	GGGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPPP	AA AA	RRRRRRRR	TT	GG
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	GG GGGG
PP	AAAAAAAAA	RR RR	TT	GG GGGGG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGGG
PP	AA AA	RR RR	TT	GGGGGG

G - 1 - 1

PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 010-190

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN, AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JAN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				9				4				55	3.8	.6		689
CATEGORY B				11				4	2.2			135	6.3	2.4	.4	902

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	5.9	.3		746	2.9	.1		724	.8	.2		637	2.7	.3		373
CATEGORY B	10.6	3.6	.2	943	5.2	2.4		902	2.1	.7		752	4.8	2.1		421

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.4	.3		2851	3.3	.3		3237
CATEGORY B	6.1	2.3	.2	3634	6.0	2.3	.1	4070

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY ENDING: 010-190

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: FEB

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				5				6	3.4			59	9.3	.9		668
CATEGORY B				11				7	4.9	2.1	.7	142	13.5	5.5	.6	887

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	9.6	1.6		700	7.3	1.0		667	5.3	.7		585	4.8	.6		315
CATEGORY B	16.1	7.6	.9	894	11.7	5.6	.8	855	7.1	3.2	.3	719	7.8	4.0	.3	374

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	7.9	1.0		2679	7.5	1.0		3005
CATEGORY B	12.1	5.5	.7	3497	11.6	5.3	.6	3889

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 010-190

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				11				9	5.3	1.3		76	8.9	.8		742
CATEGORY B				12				13	8.9	4.7		169	17.0	6.4	.3	948

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	8.7	.9		780	6.1	.5		773	2.2	.3		679	1.5			395
CATEGORY B	18.3	7.1	.4	962	13.4	4.4	.3	945	4.5	1.9		825	3.8	1.3		469

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	6.6	.7		3050	5.9	.6		3465
CATEGORY B	13.4	5.1	.3	3849	12.3	4.6	.2	4343

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 010-190

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: APR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				36	8.3			12	2.7			184	5.7	.7		723
CATEGORY B	2.5			40	21.1			19	7.3	1.0		303	13.0	5.4	.2	884

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	6.7	.5		773	4.8	.4		772	1.1			654	1.1	.3		350
CATEGORY B	17.4	7.8	.3	915	11.3	4.3	.5	885	5.4	1.5		756	5.5	2.0	.5	440

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.6	.4		3106	4.2	.4		3504
CATEGORY B	11.7	4.6	.2	3743	11.0	4.2	.3	4242

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 010-190

STATION NUMBER: 722746

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: MAY

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				17				21	2.1			288	2.6			726
CATEGORY B				21				38	3.9	.8	.2	490	7.7	2.4		901

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.6	.3		771	1.4	.1		720	.5			642				275
CATEGORY B	9.7	2.6	.2	915	5.0	1.8	.1	827	1.1	.6		714	1.0			311

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.1	.1		3147	1.9	.1		3460
CATEGORY B	5.9	1.8	.1	3847	5.4	1.6	.1	4217

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 010-190

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				4				8	.7			304	1.6	.1	.1	743
CATEGORY B				4				24	3.5	.8	.2	482	4.5	1.4	.3	992

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.3			767	1.5			721	.3			643				255
CATEGORY B	6.1	3.3	.5	1074	5.0	1.9	.4	952	.7	.3	.1	759	.3	.3		291

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.2	.0	.0	3178	1.1	.0	.0	3445
CATEGORY B	4.2	1.7	.3	4259	4.0	1.6	.3	4578

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 010-190

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: JUL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				14				27	.3			302	1.8			709
CATEGORY B				16				33	2.0	.9		442	4.9	1.9		915

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.2			724	2.3	.1		695	.2			619				235
CATEGORY B	8.5	2.8	.3	1039	5.3	1.6	.3	950	.4			719				271

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.5	.0		3049	1.4	.0		3325
CATEGORY B	4.8	1.6	.1	4065	4.4	1.5	.1	4385

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 010-190

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: AUG

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				10				7				323		.4		760
CATEGORY B				11				20		.8		499	2.2	.6	.1	985

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.5	.1		798	.9	.1		754	.2			653				226
CATEGORY B	6.2	1.9	.3	1184	3.0	1.3	.6	1014	1.3	.4		753	.4			238

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.7	.1		3288	.7	.1		3531
CATEGORY B	3.1	1.0	.2	4435	3.0	1.0	.2	4704

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 010-190

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: SEP

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				6				16	.7			279	1.3			695
CATEGORY B				9				20	2.5	.3		393	4.7	1.2		866

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.1			703	.1			669				538				202
CATEGORY B	5.4	1.3		934	2.9	1.0		833	1.2	.2	.2	584				222

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.7			2884	.6			3108
CATEGORY B	3.7	.9	.0	3610	3.4	.8	.0	3861

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 010-190

STATION NUMBER: 722246 STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: OCT

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				62				65	1.1			285	2.9			766
CATEGORY B	2.3			86				104	3.7	1.5		459	7.0	1.7		960

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.4	.5		802	1.0			775	.7			691	.9			325
CATEGORY B	6.9	2.3	.2	957	3.1	.9		895	1.5	.5		756	1.6	.8		365

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.7	.1		3319	1.6	.1		3771
CATEGORY B	4.7	1.4	.0	4027	4.3	1.3	.0	4582

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 010-190

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: NOV

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.4			41	9.1			22	2.5			79	3.2			658
CATEGORY B	2.4			42	7.7			26	3.2	.6		154	8.8	3.4	.1	863

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.3			700	1.6			691	.6			635	1.1			380
CATEGORY B	8.6	2.4	.1	848	4.0	1.7		815	3.2	1.6	.3	773	2.9	.7		453

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.5			2763	2.3			3206
CATEGORY B	6.1	2.2	.1	3453	5.7	2.0	.1	3974

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 010-190

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: DEC

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				15				9	2.7			73	3.7			694
CATEGORY B				16				17	3.5			170	7.1	2.5		960

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.9	.3		709	1.2			674	.5			578	1.6			313
CATEGORY B	9.9	3.1	.2	880	4.5	.9		849	1.7			703	2.5	1.1		357

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.5	.1		2728	2.3	.1		3065
CATEGORY B	5.9	1.7	.1	3562	5.6	1.6	.1	3952

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 010-190

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: APR 81 - MAR 91
MONTH: ALL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.4			230	1.5			206	1.3	.0		2307	3.7	.3	.0	8573
CATEGORY B	1.4			279	1.8			325	3.5	.9	.1	3838	8.0	2.9	.2	11063

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.3	.4		8973	2.6	.2		8635	1.0	.1		7554	1.3	.1		3644
CATEGORY B	10.1	3.8	.3	11545	6.2	2.3	.3	10722	2.6	.9	.1	8813	2.9	1.2	.1	4212

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.9	.2	.0	36042	2.7	.2	.0	40122
CATEGORY B	6.7	2.4	.2	45981	6.3	2.3	.2	50797

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPPP	AA AA	RRRRRRRR	TT	HHHHHHHH	HHHHHHHH
PPPPPPPP	AAAAAAA	RRRRRRRR	TT	HHHHHHHH	HHHHHHHH
PP	AAAAAAA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH

H - 1 - 1

PART H

DEGREE DAY SUMMARIES

DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERISKS (****) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR PART TIME PERIODS.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 68

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: JAN 53 - MAR 91

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
-------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

MEAN

SD

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 78

STATION NUMBER: 722246

STATION NAME: DUKE FLD/EGLIN AUX FL
LST TO UTC: + 6

PERIOD OF RECORD: JAN 53 - MAR 91

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
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MEAN	
SD	

A W S LIMITED CLIMATIC BRIEF SEP 91	STATION NAME: DUKE FLD/EGLIN AUX FL												FIELD ELEV: 193 FT	
	LATITUDE/LONGITUDE: 30 39 N 086 31 W												STATION MSC: 722246	
	HOURLY OBS POR: APR 81 - MAR 91												CALL SIGN: KEGI	
	SUMMARY OF DAY POR: SEP 49-OCT 49, AUG 52-OCT 55, FEB 56-MAR 91												SUPERSEDES: N/A	
	HOURS SUMMARIZED: 0600 - 2300 LST													
	LST TO UTC: +06													
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	79	83	88	91	95	100	103	100	98	91	86	81	103	40
MEAN MAX TEMP (F)	59	63	71	78	84	90	91	90	88	80	70	64	78	40
MEAN TEMP (F)	53	57	64	71	77	83	84	84	81	71	63	57	71	40
MEAN MIN TEMP (F)	46	49	57	63	70	76	78	77	73	62	56	50	64	40
@EXTRM MIN TEMP (F)	6	21	24	34	42	57	64	68	48	34	30	12	6	40
D/W TEMP GE 95 (F)	0	0	0	0	#	4	6	5	2	0	0	0	17	40
D/W TEMP GE 90 (F)	0	0	0	1	3	16	20	20	13	1	0	0	74	40
D/W TEMP LT 33 (F)	4	2	1	0	0	0	0	0	0	0	1	2	10	40
D/W TEMP LT 20 (F)	1	0	0	0	0	0	0	0	0	0	0	#	1	40
HEATING DEGREE DAYS	0	0	0	0	0	0	0	0	0	0	0	0	0	39
COOLING DEGREE DAYS	0	0	0	0	0	0	0	0	0	0	0	0	0	39
MEAN DEWPOINT TEMP (F)	41	45	50	54	62	70	72	72	67	58	53	46	58	10
MEAN WET BULB TEMP (F)	48	52	57	61	68	74	75	75	71	63	59	52	63	10
99.95% WCPA (FT)	450	600	650	500	400	400	300	350	350	450	450	400	500	10
MEAN REL HUM 07 LST(%)	78.6	80.8	84.5	76.6	76.1	78.5	79.2	82.8	79.9	79.7	84.5	84.6	79.7	10
MEAN REL HUM 13 LST(%)	58.2	58.7	54.3	49.5	54.2	58.3	59.8	61.2	56.4	52.5	57.7	60.8	56.7	10
MAX 24HR PRECIP (IN)	3.40	7.58	5.68	4.62	7.80	4.45	7.89	3.58	10.00	7.25	6.24	3.60	10.00	40
MAX PRECIP (IN)	18.28	12.35	10.74	12.35	10.08	14.34	19.37	17.44	16.24	9.66	10.22	9.44	87.17	40
@MEAN PRECIP (IN)	4.71	4.28	5.35	4.01	3.83	5.87	7.59	7.30	7.13	3.44	3.64	4.88	62.03	40
@MIN PRECIP (IN)	.76	.88	.86	.24	.54	.80	1.70	1.85	.56	.29	.25	.60	36.31	40
D/W PRECIP GE .01 (IN)	12	8	10	7	8	12	16	16	9	6	8	9	121	40
D/W PRECIP GT .50 (IN)	4	3	4	3	3	4	6	6	3	2	3	3	44	40
MAX 24HR SNFL (IN)	1.0	#	0	0	0	0	0	0	0	0	0	#	1.0	40
MAX SNFL (IN)	2.0	#	0	0	0	0	0	0	0	0	0	#	2.0	40
MEAN SNFL (IN)	.2	#	0	0	0	0	0	0	0	0	0	#	#	40
D/W SNFL GE .1 (IN)	#	0	0	0	0	0	0	0	0	0	0	0	#	40
D/W SNFL GE 1.5 (IN)	0	0	0	0	0	0	0	0	0	0	0	0	0	40
MAX DLY SNO DEPTH (IN)	10	0	0	0	0	0	0	0	0	0	0	#	10	40
PRVLNG WND DIR (DEG)	35-01	35-01	14-16	17-19	17-19	17-19	17-19	17-19	\$05-07	35-01	\$35-01	35-01	17-19	10
MEAN WND SPD (KTS)	5	6	7	7	6	5	5	4	4	5	5	6	5	10
MAX WND SPD (KTS)	42	50	48	46	44	47	42	47	42	44	40	40	50	40
SKY COVER GT 5/10 (%)	55.6	57.7	52.6	47.0	52.4	59.2	58.6	60.1	44.2	43.0	51.1	57.3	53.1	10
D/W THUNDERSTORMS	1	1	2	3	5	12	16	17	7	2	2	1	69	40
D/W FOG (VSBY LT 7 MI)	14	10	12	10	9	6	7	9	11	13	10	12	123	40
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION														

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY															
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
LST															
00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10
03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10
CIG															
06 - 08	14.5	39.0	32.9	30.4	28.1	15.1	6.3	16.4	15.1	28.1	24.1	39.7	24.1	10	
LT 3000 FT	29.5	34.0	30.7	19.1	22.6	11.8	7.8	11.8	14.7	19.5	29.2	30.9	21.8	10	
AND/OR															
12 - 14	28.4	27.9	25.0	14.4	13.9	9.0	8.0	11.5	12.4	13.5	22.4	29.2	18.0	10	
VSBY															
15 - 17	25.8	23.7	21.2	9.8	10.8	7.4	6.6	8.0	7.2	9.2	17.0	25.2	14.3	10	
LT 3 MI															
18 - 20	23.9	20.2	22.2	10.1	10.9	5.9	3.4	4.7	7.5	16.5	23.5	12.8	10	10	
21 - 23	17.2	16.8	16.2	14.3	9.5	2.7	3.4	3.5	2.5	6.5	15.5	16.6	10.4	10	
ALL	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10
00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10
03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10
CIG															
06 - 08	14.5	33.9	26.3	21.2	17.0	9.9	4.0	13.9	12.5	23.9	20.3	34.2	19.3	10	
LT 1500 FT	23.2	25.9	17.7	9.3	5.5	3.1	2.8	5.4	7.5	11.2	17.5	23.1	12.7	10	
AND/OR															
12 - 14	18.8	16.6	12.6	4.5	2.5	3.0	2.5	4.3	4.7	5.2	8.1	16.5	8.3	10	
VSBY															
15 - 17	16.6	15.6	11.3	3.6	1.8	2.6	1.6	4.0	3.4	4.5	7.1	14.7	7.2	10	
LT 3 MI															
18 - 20	15.5	15.9	14.3	6.4	3.9	1.2	1.6	3.2	3.4	4.2	11.7	14.9	8.0	10	
21 - 23	11.3	12.7	11.9	10.6	6.9	1.2	3.0	3.1	1.0	4.9	10.5	12.8	7.5	10	
ALL	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10
00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10
03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10
CIG															
06 - 08	12.7	28.8	22.4	15.8	8.7	5.9	2.3	9.0	9.3	16.5	16.5	31.5	14.9	10	
LT 1000 FT	18.4	20.2	10.8	4.6	2.5	2.0	1.3	2.5	5.6	6.8	10.9	17.7	8.6	10	
AND/OR															
12 - 14	12.3	11.1	6.8	1.9	1.0	1.4	.8	1.6	2.7	3.1	2.9	11.8	4.8	10	
VSBY															
15 - 17	11.3	11.4	7.9	1.9	.7	1.4	.9	.9	2.5	2.8	3.2	11.4	4.7	10	
LT 2 MI															
18 - 20	11.0	12.0	10.5	3.7	1.7	.2	.5	1.4	1.5	3.3	8.3	10.9	5.4	10	
21 - 23	10.5	9.2	9.1	8.0	4.4	.4	1.3	2.2	.5	2.8	7.4	9.6	5.4	10	
ALL	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10
00 - 02	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10
03 - 05	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10
CIG															
06 - 08	3.6	3.4	3.9	2.7	1.0	.7	.3	.6	.7	3.9	2.5	16.4	3.3	10	
LT 200 FT	1.9	1.9	.7	.0	.0	.1	.3	.0	.0	.1	.2	2.0	.6	10	
AND/OR															
12 - 14	.3	.3	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.1	10	
VSBY															
15 - 17	.6	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	10	
LT 1/2 MI															
18 - 20	1.1	.2	1.0	.0	.0	.0	.0	.0	.0	.0	.9	1.2	.4	10	
21 - 23	1.3	1.3	.3	.0	.0	.0	.0	.0	.0	.0	1.6	1.0	.5	10	
ALL	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : 1900 - 1986

HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	0/0	0/0	0/0	0/0	0/0	0/3	1/3	2/1	7/4	0/3	0/0	0/0	10/14
120NM	0/0	0/0	0/0	0/0	0/1	1/7	1/4	7/8	10/14	2/6	1/0	0/0	22/40
240NM	0/0	0/0	0/0	0/0	0/3	5/16	4/11	14/20	19/35	7/23	1/0	0/0	50/108

REMARKS : @@ SOME DATA VALUES ARE ESTIMATED BY DATA COMPARISONS FROM SURROUNDING STATIONS.

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